# MultiPASS C70 / C80 / C75

# FAX-B210C/B230C/B215C

# PARTS CATALOG

## REVISION 1

| | | | |
|---|---|---|---|
| **MultiPASS C80 / FAX-B230C** | H12-1583 | 230V | EC |
| **MultiPASS C70 / FAX-B210C** | H12-1593 | 230V | EC |
| **MultiPASS C70** | H12-1598 | 230V | AUS |
| **MultiPASS C70** | H12-1599 | 230V | AE |
| **FAX-B210C** | H12-1956 | 230V | CHN |
| **FAX-B210C** | H12-1958 | 230V | AE |
| **MultiPASS C70** | H12-1966 | 230V | CHN |
| **MultiPASS C75 / FAX-B215C** | H12-1973 | 230V | EC |
| **MultiPASS C75** | H12-1978 | 230V | AUS |
| **HANDSET APPARATUS** | | | |

Canon

**APR. 2001** **HY8-30AH-010**

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### Application

This manual has been issued by Canon Inc. for qualified persons to learn technical theory, installation, maintenance, and repair of products. This manual covers all localities where the products are sold. For this reason, there may be information in this manual that does not apply to your locality.

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### DTP System

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Logos and illustrations were created using Adobe® Illustrator 9.0J.

# II. ABOUT THIS MANUAL

## 1. ILLUSTRATION INDEX

For illustration index, the parts layout illustrations in this parts catalog are listed in
abbreviated form in order of illustration number to identify the pages they appear on. To find an illustration of a part, see the ILLUSTRATION INDEX.

## 2. PARTS LAYOUT & PARTS LIST

### Parts layout illustration

#### a) Parts search

Find a part from the parts layout illustration and find its key number from the parts list to identify the part number and name.

Further, screws, nuts, washers, grip rings, pins and spacers are mentioned in the parts list.

Note: **If parts have the same or similar shape but different specifications,**

their key number is assigned to several part numbers and names in the parts list.

#### b) Parts replacement procedure

The parts layout illustrations are arranged according to the disassembly procedure of the product.

When a unit in the illustration can be disassemble further, a reference illustration page of the disassembly will be included.

Parts where grease is to be applied are displayed as "Lubrication". When replacing parts, or if grease has accidentally been wiped off, refer to "4". (Lubrications), and reapply the grease.

The parts require carefully work are marked "See page 5-x". So refer to the corresponded page "5". (GUIDE TO REPLACEMENT).

**The letters ( A , B etc. ) in the illustration indicate the connection locations of cables and screws.**

### Parts list

#### a) FIGURE & KEY No.

The FIGURE & KEY No. column corresponds to the key numbers assigned to the parts in the parts layout illustration.

It also corresponds to the part locations printed on the PC board.

#### b) PART NUMBER

The PART NUMBER column gives the part numbers corresponding to the key numbers. To order a part, indicate the part number clearly.

Note: **Parts marked NPN are not service Parts.**

#### c) RANK

The service parts with N in the RANK column are order parts.

#### d) QTY

The QTY column gives the number of parts in the corresponding components layout illustration.

#### e) DESCRIPTION

The DESCRIPTION column gives the part names in English.

To order a part, indicate the part name, too.

#### f) REMARKS

In case there are differences in the specifications of areas, etc., each of marks A~L identifies the areas where parts are available.

| Product Number | Name | Area | Marks |
|---|---|---|---|
| H12-1593-000 | FAX-B210C | EC | A |
| | MultiPASS C70 | EC | C |
| H12-1583-000 | FAX-B230C | EC | B |
| | MultiPASS C80 | EC | D |
| H12-1598-000 | MultiPASS C70 | AUS | E |
| H12-1958-000 | FAX-B210C | AE | F |
| H12-1599-000 | MultiPASS C70 | AE | G |
| H12-1966-000 | MultiPASS C70 | CHN | H |
| H12-1956-000 | FAX-B210C | CHN | I |
| H12-1973-000 | FAX-B215C | EC | J |
| | MultiPASS C75 | EC | K |
| H12-1978-000 | MultiPASS C75 | AUS | L |

## 3. TOOL

This is a list of tools used for servicing products.

## 4. LUBRICATIONS

Where grease is to be applied in order to allow moving parts to work smoothly, and to increase conductivity, the type and amount of grease to be used will be mentioned.

## 5. GUIDE TO REPLACEMENT

Explains the special cares and cautions for the parts replacement.

## 6. NUMERICAL INDEX

All the parts listed in this parts catalog are arranged in order of part number. You can identify part locations and names from the NUMERICAL INDEX.

# I. CONTENTS

1. ILLUSTRATION INDEX
2. PARTS LAYOUT & PARTS LIST
3. TOOL
4. LUBRICATIONS
5. GUIDE TO REPLACEMENT
6. NUMERICAL INDEX

# 1. ILLUSTRATION INDEX


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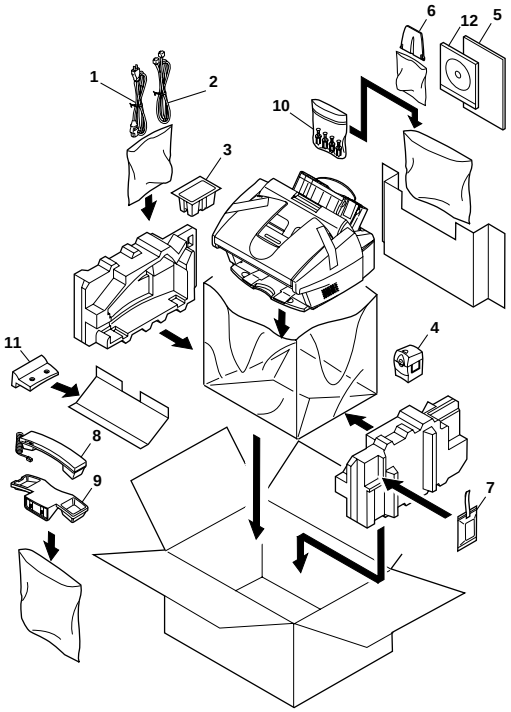
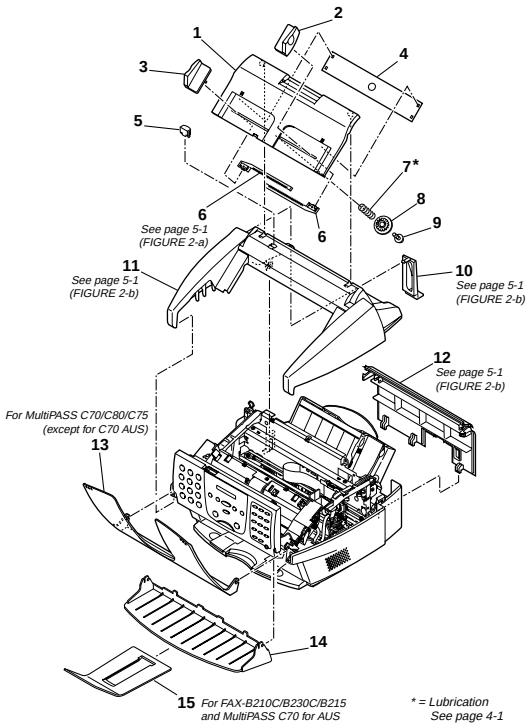
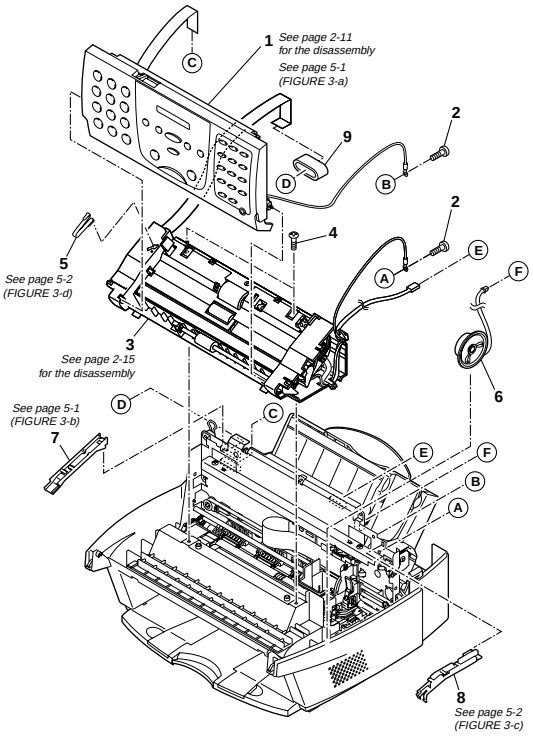
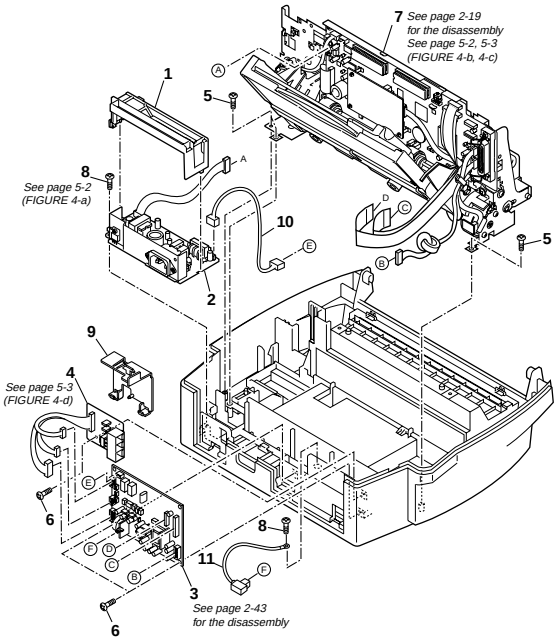
| **FIGURE 3** | SCANNER & OPERATION PANEL | See page 2-5 | **FIGURE 4** | NCU BOARD & MODULER JACK BOARD & PRINTER & POWER SUPPLY | See page 2-7 |

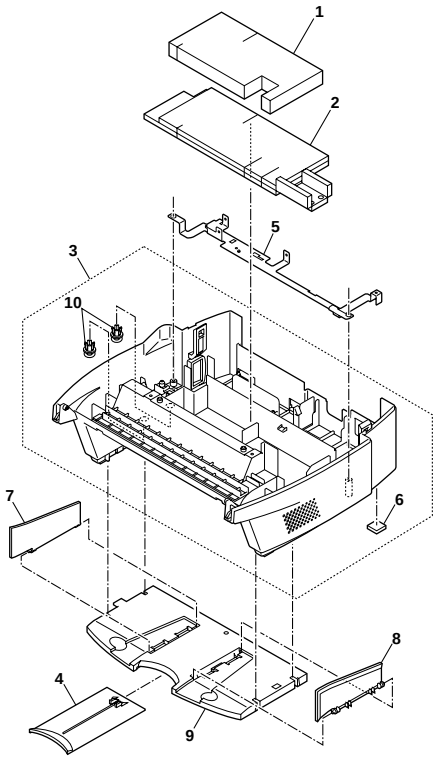

*Note: Packaged parts for the EC version are packaged locally , and so are not mentioned here. As the exact contents of accesories may differ, refer to the User's Guide for details.*



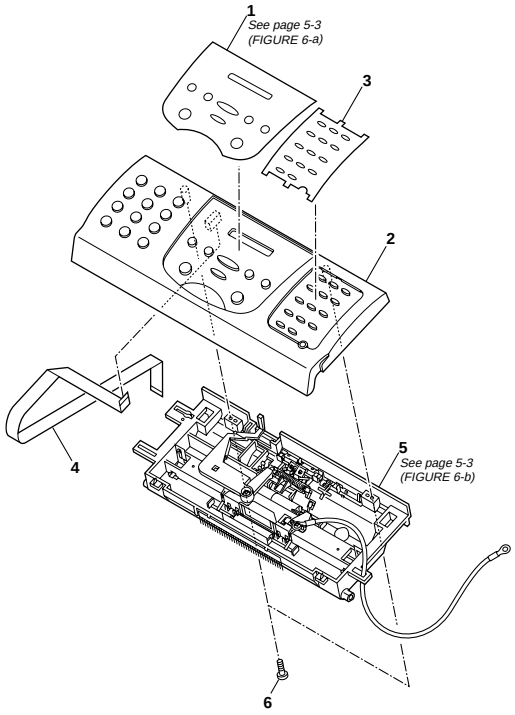



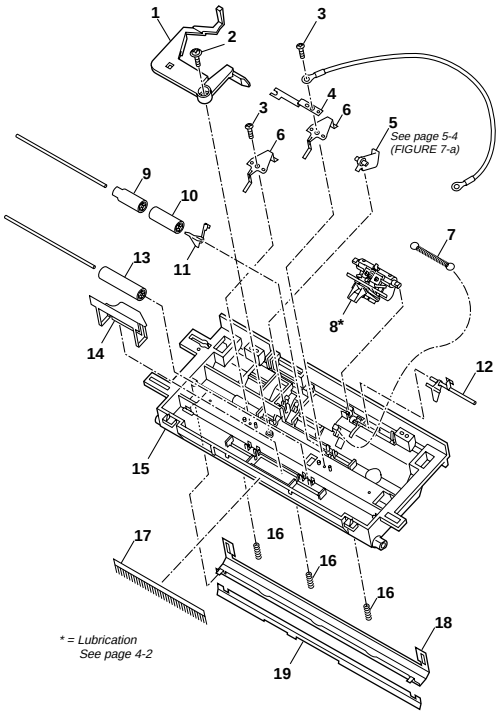
| FIGURE 5 MAIN FRAME ASS'Y | See page 2-9 |
|---|---|




| FIGURE 6 OPERATION PANEL & ADF, UPPER | See page 2-11 |
|---|---|




| FIGURE 7 ADF, UPPER | See page 2-13 |
|---|---|




| FIGURE 8 ADF, LOWER (1) | See page 2-15 |
|---|---|

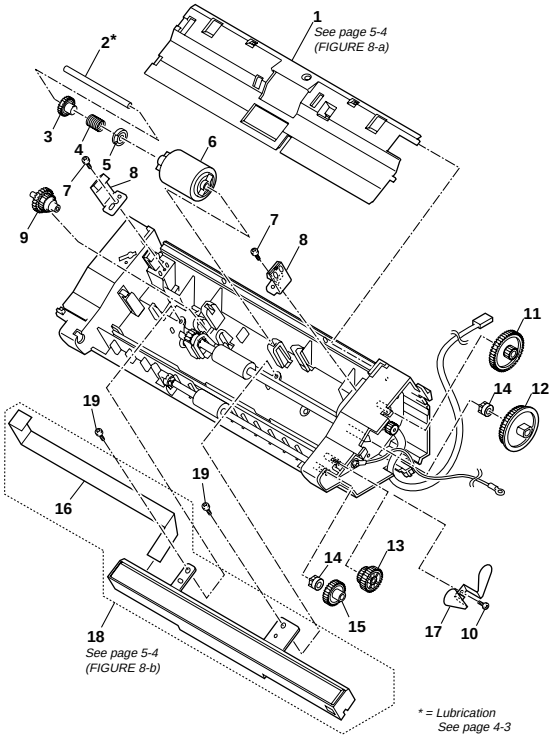


**FIGURE 9** ADF, LOWER (2) — See page 2-17

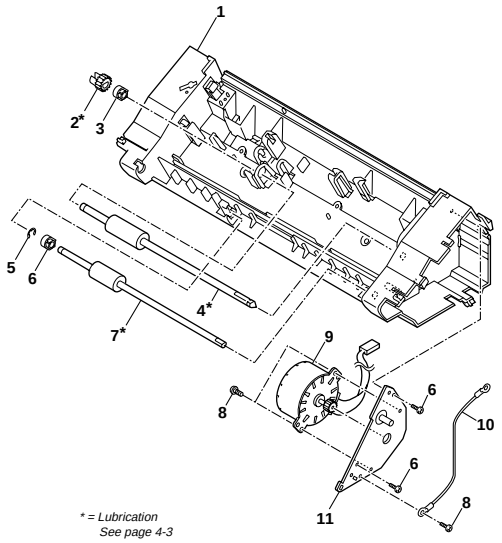



**FIGURE 10** AUTO SHEET FEEDER & SPCNT BOARD ASS'Y — See page 2-19

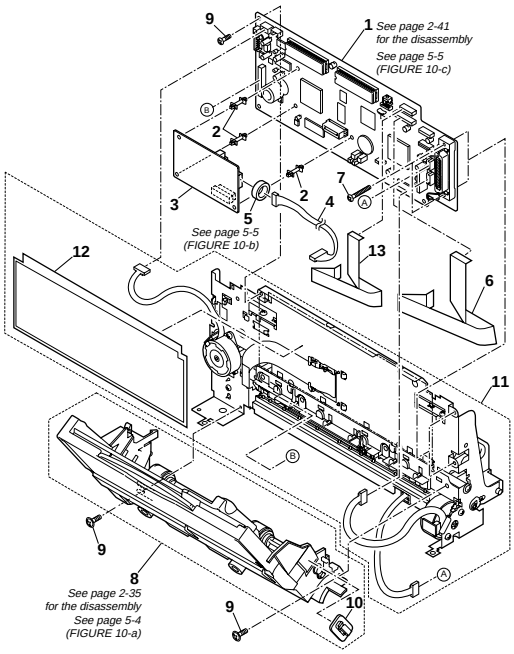



**FIGURE 11** CARRIAGE SECTION (1) — See page 2-21

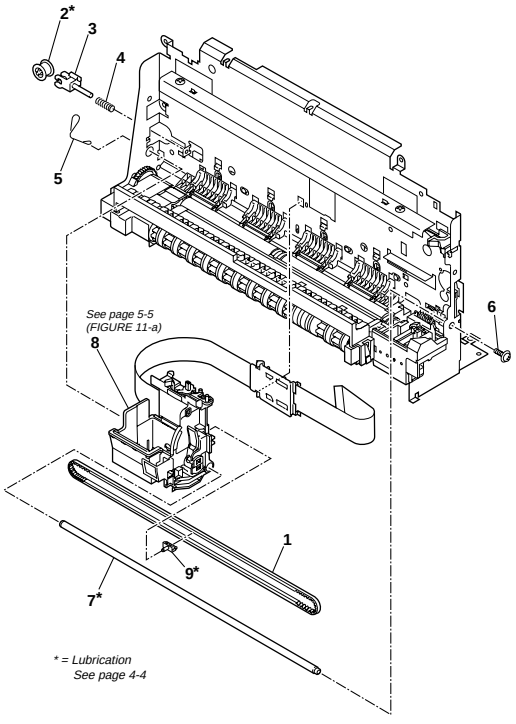
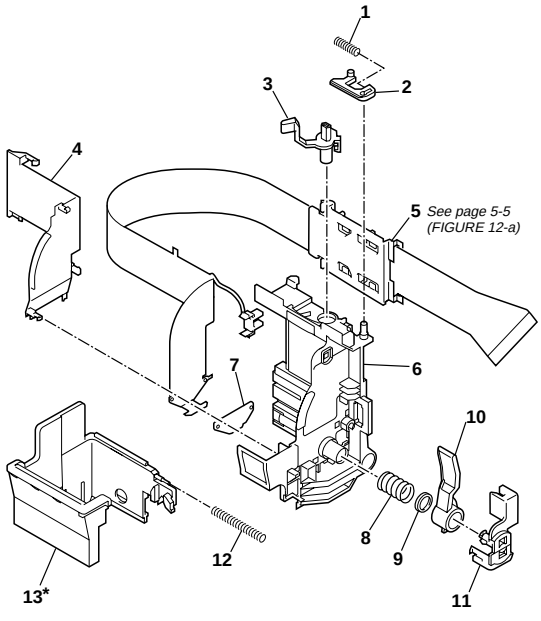
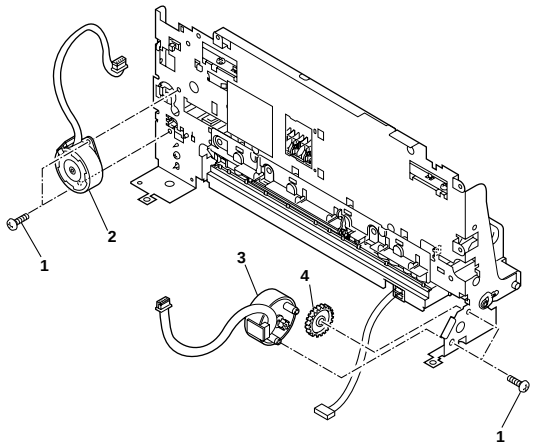
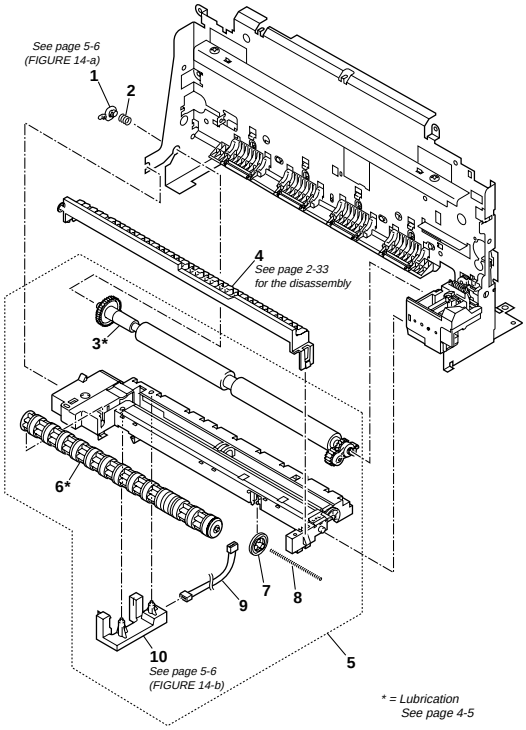
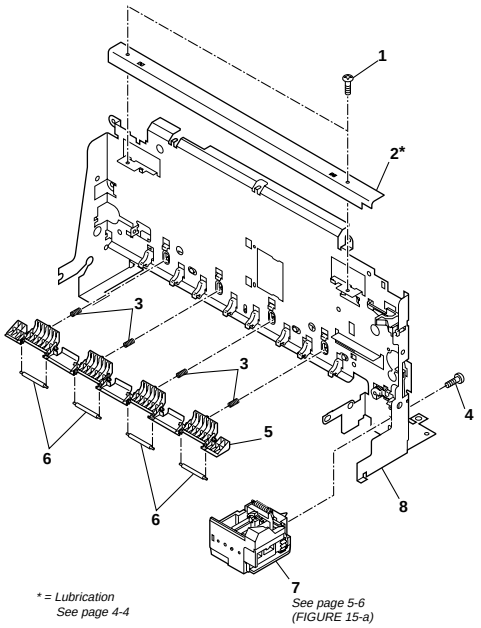
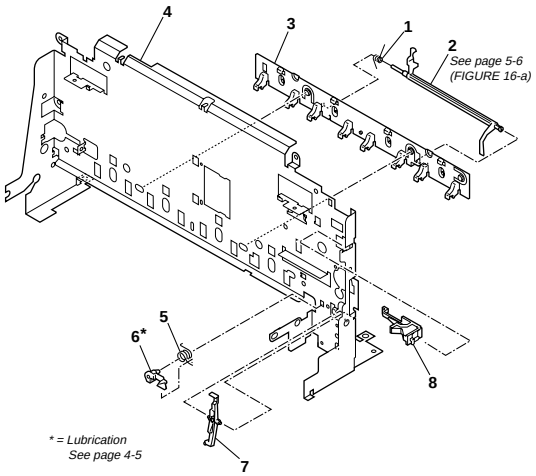
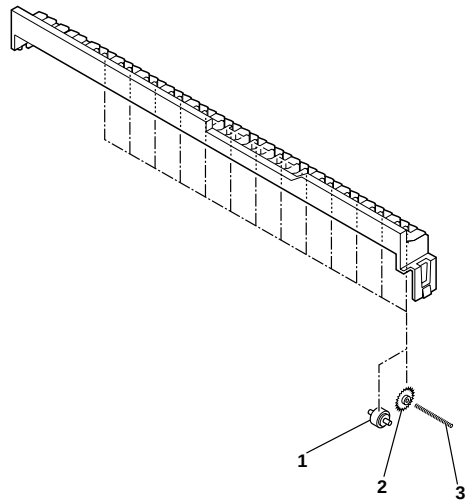



**FIGURE 12** CARRIAGE SECTION (2) — See page 2-23

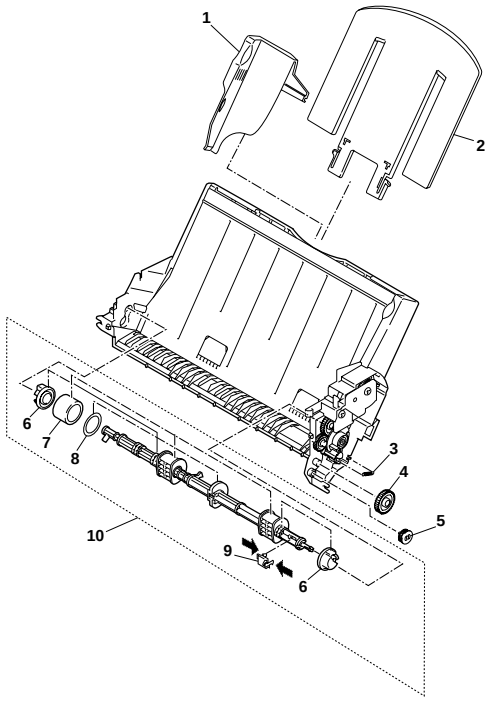


| FIGURE 13 MOTORS | See page 2-25 | FIGURE 14 PAPER FEED SECTION (1) | See page 2-27 |
|---|---|---|---|
|  | |  | |
| FIGURE 15 PAPER FEED SECTION(2) & PURGE UNIT | See page 2-29 | FIGURE 16 PRINTER FRAME | See page 2-31 |
|  | |  | |

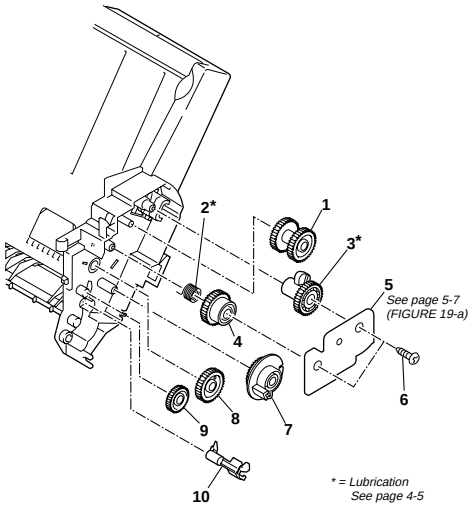
| | |
|---|---|
| **FIGURE 17** SPURS | See page 2-33 |



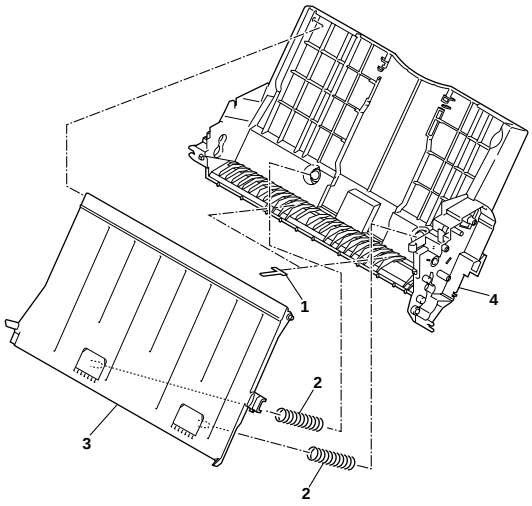

| | |
|---|---|
| **FIGURE 18** AUTO SHEET FEEDER (1) | See page 2-35 |




| | |
|---|---|
| **FIGURE 19** AUTO SHEET FEEDER (2) | See page 2-37 |




| | |
|---|---|
| **FIGURE 20** AUTO SHEET FEEDER (3) | See page 3-1 |



| | | |
|---|---|---|
| **FIGURE 21** | MultiPASS C70/C80<br>FAX-B210C/B230C<br>SPCNT BOARD | See page 2-41 |
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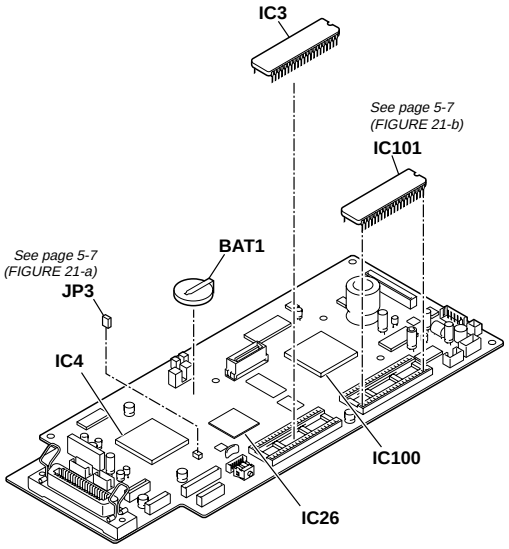
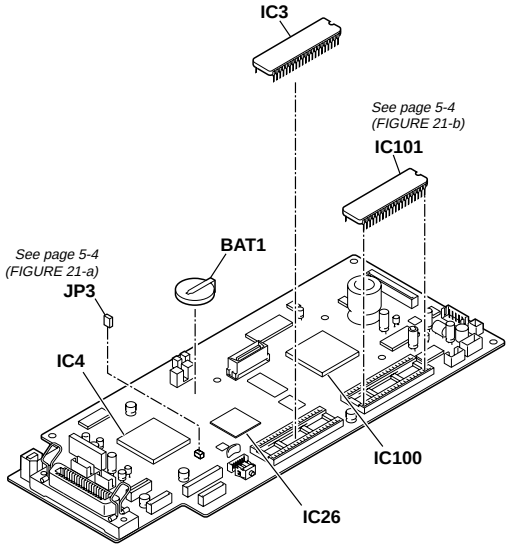
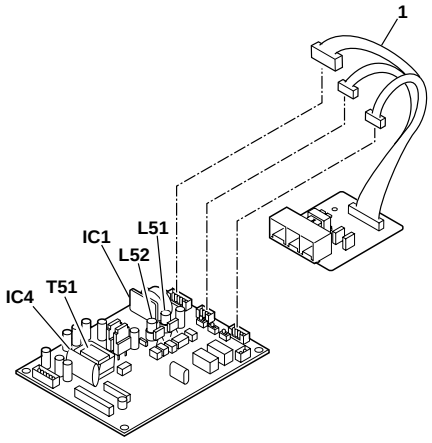
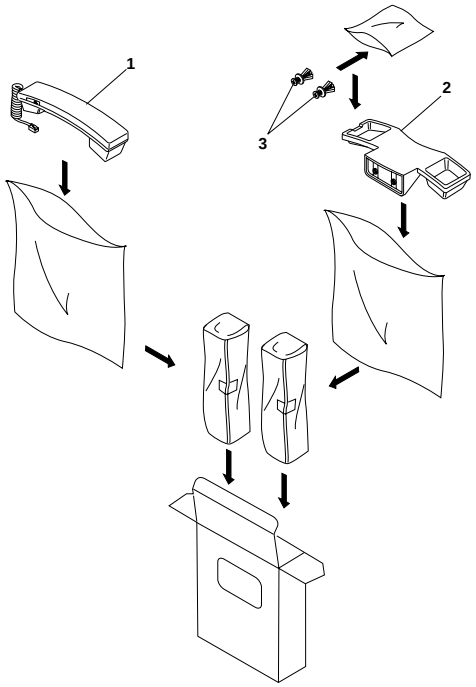
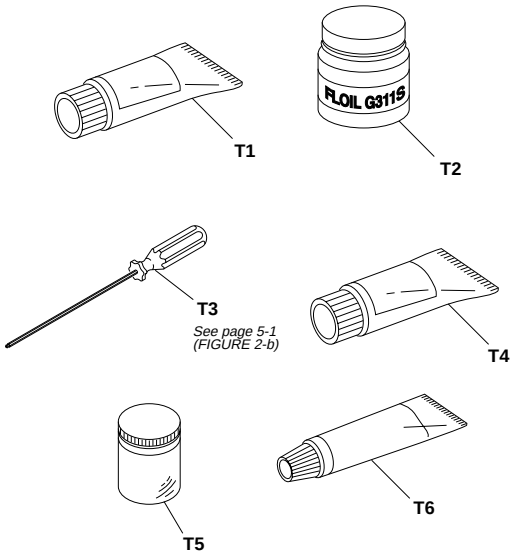
| **FIGURE 24** | HANDSET KIT E3 / U3 | See page 2-47 |

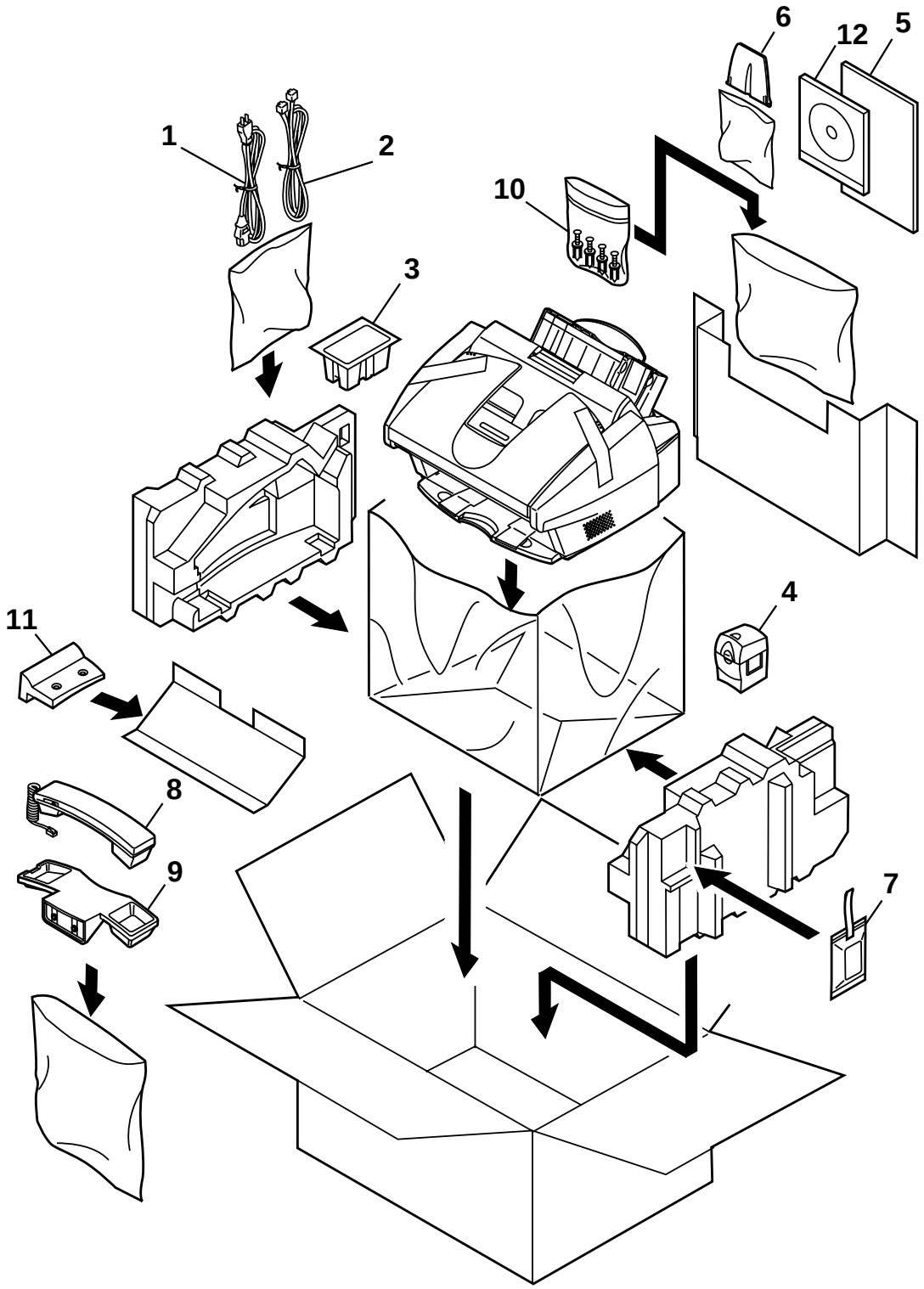



| FIGURE 28 TOOL | See page 3-1 | | |
|---|---|---|---|
|  See page 5-1 (FIGURE 2-b) | | | |
| | | | |
| | | | |

# 2. PARTS LAYOUT & PARTS LIST

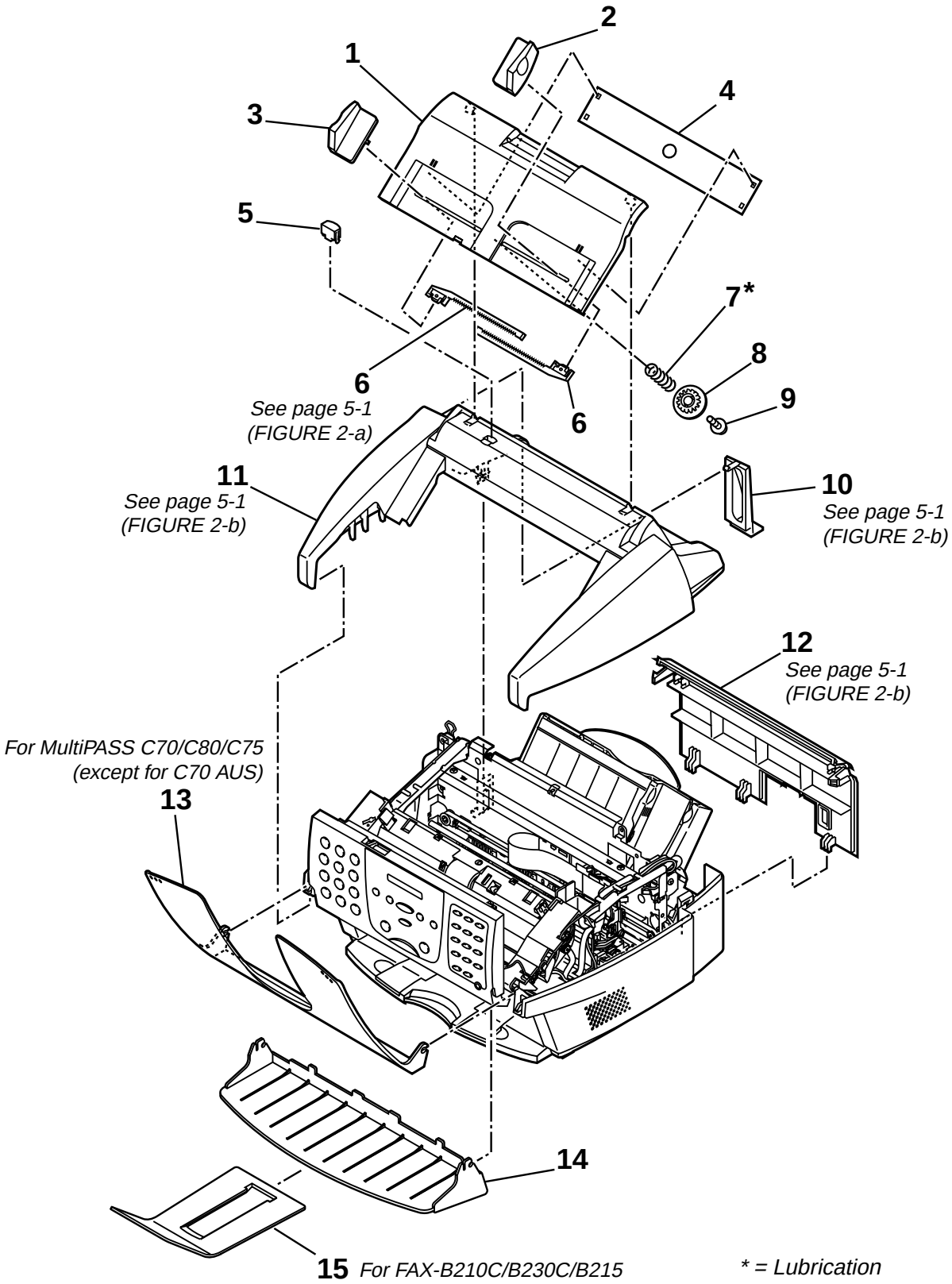
## **FIGURE 1** PACKAGE CONTENTS




*Note: Packaged parts for the EC version are packaged locally , and so are not mentioned here. As the exact contents of accesories may differ, refer to the User's Guide for details.*

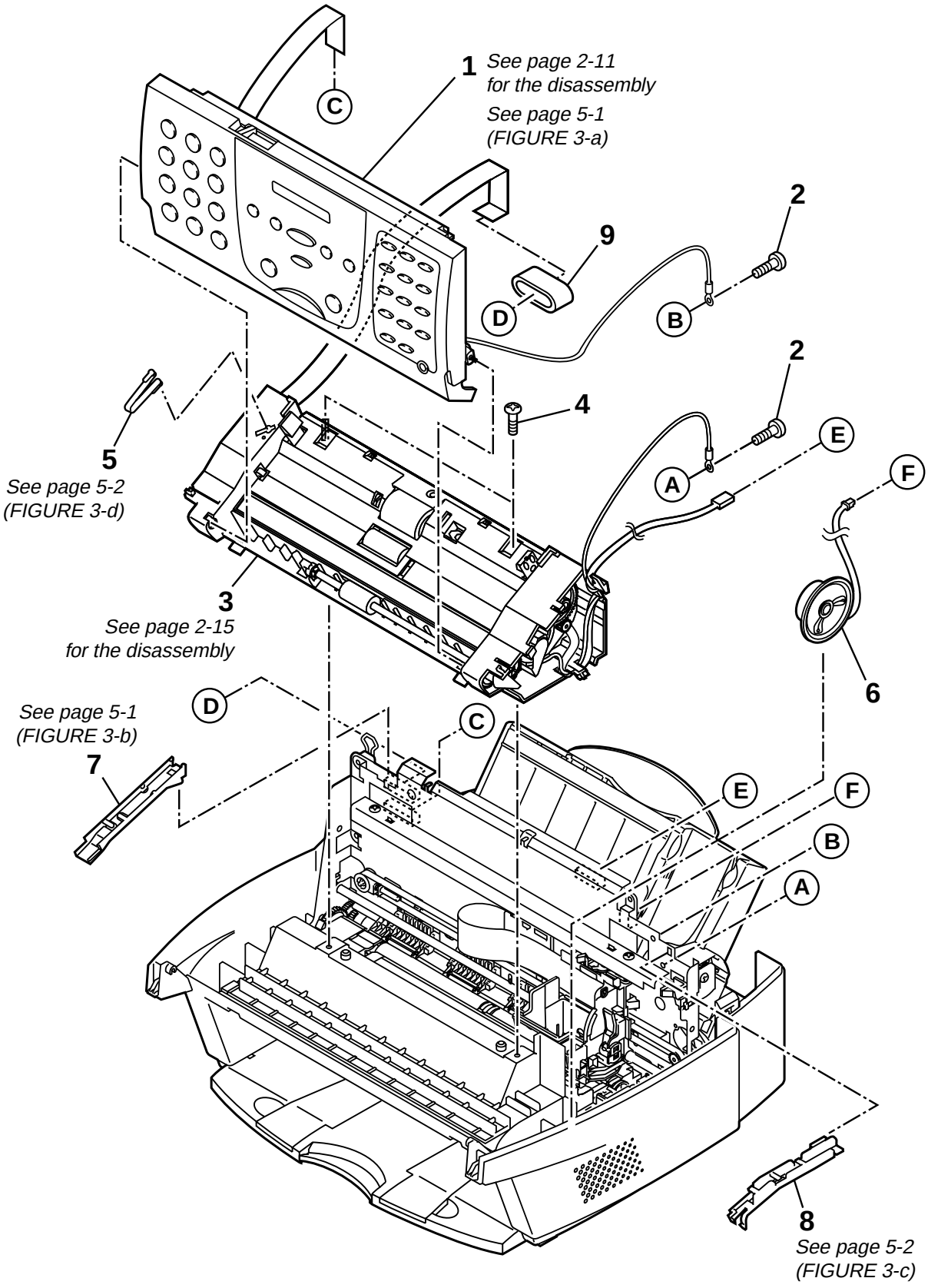
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 1 - 1 | RH2-5344-000 | | 1 | POWER SUPPLY CORD | • • • • • • • H I |
| | WT3-5015-000 | | 1 | CORD, POWER | • • • • E |
| | WT3-5020-000 | | 1 | CORD, POWER | • • • • • • G |
| | WT3-5140-000 | | 1 | CORD, POWER SUPPLY | • • • • • F |
| | WT3-5141-000 | | 1 | CORD, POWER SUPPLY | • • • • • • • • • • • L |
| 2 | HH2-2478-000 | | 1 | MODULAR CORD, 2P | • • • • E • • • • • • L |
| | HH2-2824-000 | | 1 | MODULAR CORD, 2P | • • • • • F G H I |
| 3 | NPN | | 1 | IH-205 BJ CARTRIDGE | |
| 4 | NPN | | 1 | BJ CARTRIDGE CONTAINER | |
| 5 | HT1-2152-000 | N | 1 | USER'S GUIDE (ENGLISH) | • • • • E |
| | HT1-2167-000 | N | 1 | USER'S GUIDE (ENGLISH) | |
| | HT1-2168-000 | N | 1 | USER'S GUIDE (ENGLISH) | • • • • • F G |
| | HT1-6039-000 | N | 1 | USER'S GUIDE (CHINESE) | • • • • • • • • I |
| | HT1-6040-000 | N | 1 | USER'S GUIDE (CHINESE) | • • • • • • • H |
| 6 | HB1-4026-000 | | 1 | TRAY, SUPPORT DOCUMENT | |
| 7 | NPN | | 1 | BCI-21 BLACK BJ INK CARTRIDGE | |
| 8 | HH7-2127-000 | | 1 | HANDSET ASS'Y | • • • • E |
| | HH7-2410-000 | | 1 | HANDSET ASS'Y (USA, AG) | • • • • • • • H I |
| | HH7-2547-000 | | 1 | HANDSET UNIT | • • • • • • • • • • • L |
| 9 | HB1-1264-000 | | 1 | HANDSET CRADLE | • • • • E • • H I |
| | HB1-4978-000 | | 1 | HOLDER, HANDSET CRADLE | • • • • • • • • • • • L |
| 10 | WT2-5465-000 | | 2 | RIVET | • • • • • F G |
| | WT2-5465-000 | | 4 | RIVET | • • • • E • • H I • • L |
| 11 | HB1-4093-000 | | 1 | ADAPTER, REST | • • • • E F G H I • • L |
| 12 | HH4-3349-000 | N | 1 | CD-ROM, DESKTOP MANAGER | • • • • E • G |
| | HH4-3351-000 | N | 1 | CD-ROM, DRIVER SOFTWARE | • • • • • • • H |
| | HH4-3403-000 | N | 1 | CD-ROM, DESKTOP MANAGER | • • • • • • • • I |
| | HH4-3414-000 | N | 1 | CD-ROM, DRIVER SOFTWARE | • • • • • • • • • • • L |
| | HH4-3462-000 | N | 1 | CD-ROM, DRIVER SOFTWARE | • • • • • F |

# **FIGURE 2** UPPER COVERS & PRINTER COVER



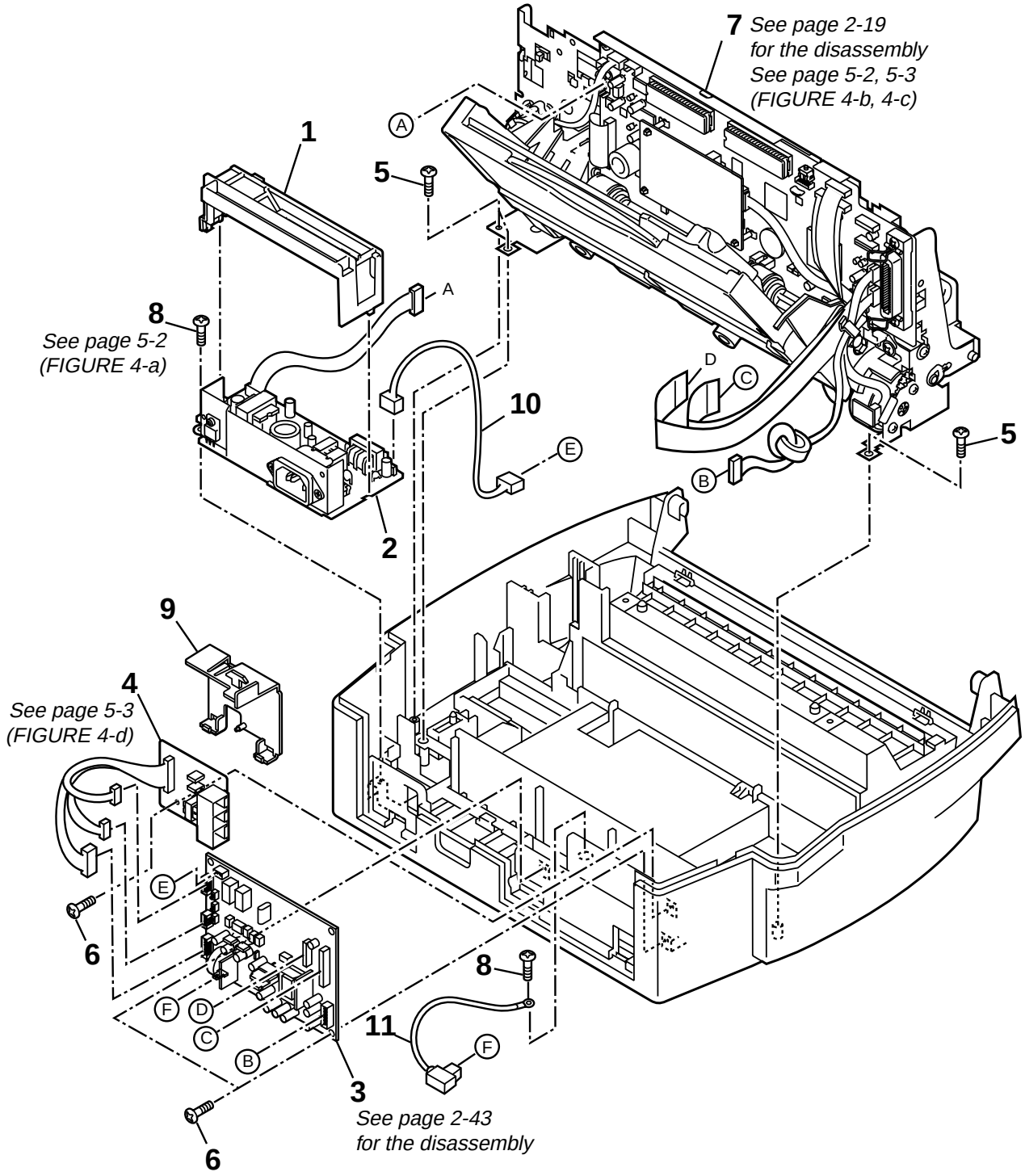
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 2 - 1 | HB1-4023-000 | | 1 | COVER, PRINTER | A B C D E F G H I |
| | HB1-4141-000 | | 1 | COVER, PRINTER | • • • • • • • • • J K L |
| 2 | HB1-4024-000 | | 1 | GUIDE, DOCUMENT, RIGHT | A B C D E F G H I |
| | HB1-4146-000 | | 1 | GUIDE, DOCUMENT, RIGHT | • • • • • • • • • J K L |
| 3 | HB1-4025-000 | | 1 | GUIDE, DOCUMENT, LEFT | A B C D E F G H I |
| | HB1-4147-000 | | 1 | GUIDE, DOCUMENT, LEFT | • • • • • • • • • J K L |
| 4 | HB1-4095-000 | | 1 | SHEET, CARTRIDGE | |
| 5 | HB1-4045-000 | | 1 | KEY TOP, CARTRIDGE | |
| 6 | HB1-2883-000 | | 2 | SLIDER, RACK | |
| 7 | HS5-2130-000 | | 1 | SPRING, SLIDER | |
| 8 | HS5-0238-020 | | 1 | GEAR, Z16 | |
| 9 | XA9-0476-000 | | 1 | SCREW, TP M3X8 | |
| 10 | HB1-4027-000 | | 1 | COVER, CONNECTOR | A B C D E F G H I |
| | HB1-4617-000 | | 1 | COVER, CONNECTOR | • • • • • • • • • J K L |
| 11 | HB1-4019-000 | | 1 | COVER, UPPER | A B C D E F G H I |
| | HB1-4137-000 | | 1 | COVER, UPPER | • • • • • • • • • J K L |
| 12 | HB1-4021-000 | | 1 | COVER, REAR | A B C D E F G H I |
| | HB1-4139-000 | | 1 | COVER, REAR | • • • • • • • • • J K L |
| 13 | HB1-4022-000 | | 1 | COVER, OPERATION PANEL | • • C D • • G H • • K L |
| 14 | HB1-4091-000 | | 1 | TRAY, DOCUMENT | A B • • E F • • I |
| | HB1-4159-000 | | 1 | TRAY, DOCUMENT | • • • • • • • • • J |
| 15 | HB1-4092-000 | | 1 | TRAY, DOCUMENT EXTENSION | A B • • E F • • I J |

# **FIGURE 3** SCANNER & OPERATION PANEL



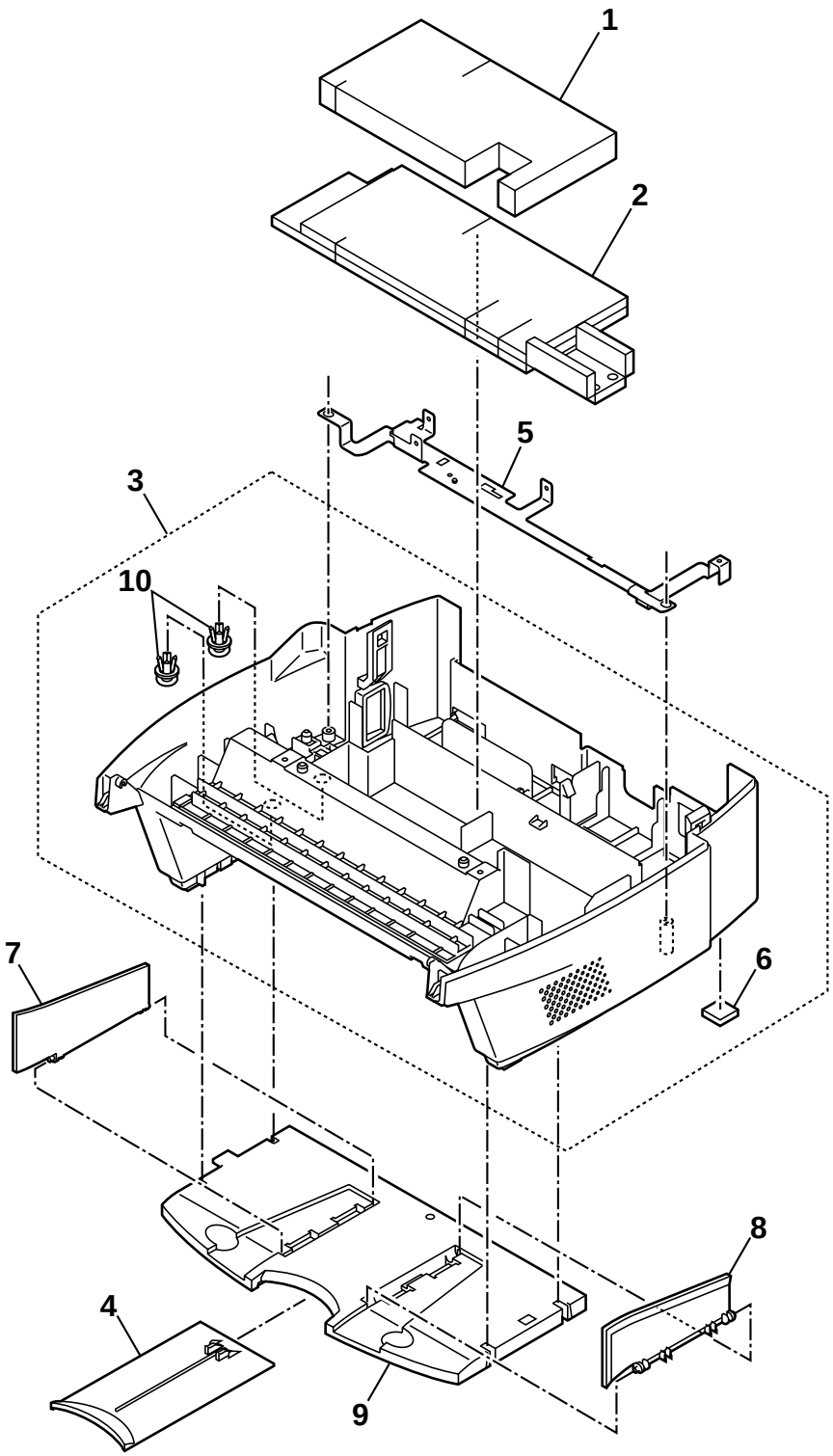
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 3 - 1 | NPN | | 1 | OPERATION PANEL & ADF UPPER | |
| 2 | XB1-2300-607 | | 1 | SCREW, BH3X6(S) | A B C D E F G H I |
| | XB1-2300-607 | | 2 | SCREW, BH3X6(S) | • • • • • • • • • J K L |
| 3 | NPN | | 1 | ADF LOWER ASS'Y | |
| 4 | XB4-7301-009 | | 2 | SCREW, BINDING HEAD SELF-TPG | |
| 5 | HB1-2867-000 | | 1 | STOPPER, OPERATION PANEL | |
| 6 | HH7-2373-000 | | 1 | SPEAKER UNIT | |
| 7 | HB1-4044-000 | | 1 | GUIDE, CABLE (LEFT) | |
| 8 | HB1-4043-000 | | 1 | GUIDE, CABLE (RIGHT) | |
| 9 | WE8-5726-000 | | 1 | FERRITE, CORE | |

# **FIGURE 4** NCU BOARD & MODULER JACK BOARD & PRINTER & POWER SUPPLY



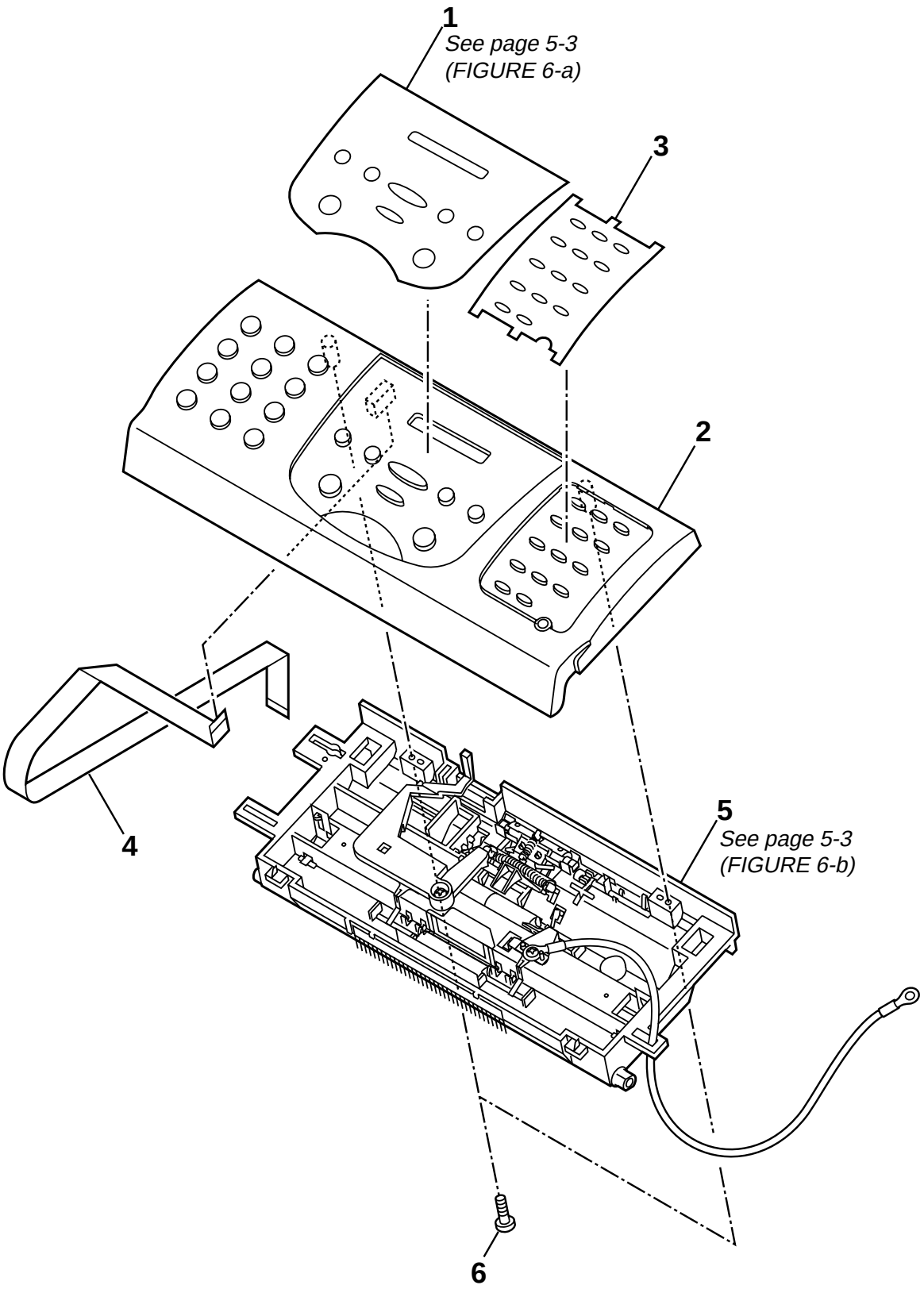
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 4 - 1 | HB1-4074-000 | | 1 | COVER, POWER SUPPLY | |
| 2 | HH3-5342-000 | | 1 | POWER SUPPLY UNIT | A B C D E F G H I |
| | HH3-5356-000 | | 1 | POWER SUPPLY UNIT | • • • • • • • • • J K L |
| 3 | HG5-2043-000 | | 1 | NCU BOARD ASS'Y | A B C D • • • • • J K |
| | HG5-2048-000 | | 1 | NCU BOARD ASS'Y | • • • • E F G H I • • L |
| 4 | HG5-2058-000 | | 1 | MODULAR JACK BOARD ASS'Y | A B C D • • • • • J K |
| | HG5-2294-000 | | 1 | MODULAR JACK BOARD ASS'Y | • • • • E F G H I • • L |
| 5 | XB4-7300-807 | | 3 | SCREW, TAP TIGHT, BINDING HEAD | |
| 6 | XB2-8300-607 | | 3 | SCREW, MACHINE M3X6 | |
| | XB2-8300-607 | | 4 | SCREW, MACHINE M3X6 | |
| 7 | NPN | | 1 | PRINT & ASF ASS'Y | |
| 8 | XB1-2300-607 | | 1 | SCREW, BH3X6(S) | |
| 9 | HB1-4097-000 | | 1 | COVER, MODULAR | |
| 10 | HH2-2880-000 | | 1 | CABLE WITH CONNECTOR, 2P | |
| 11 | HH2-2886-000 | | 1 | WIRE, GROUNDING | |

# **FIGURE 5** MAIN FRAME ASS'Y



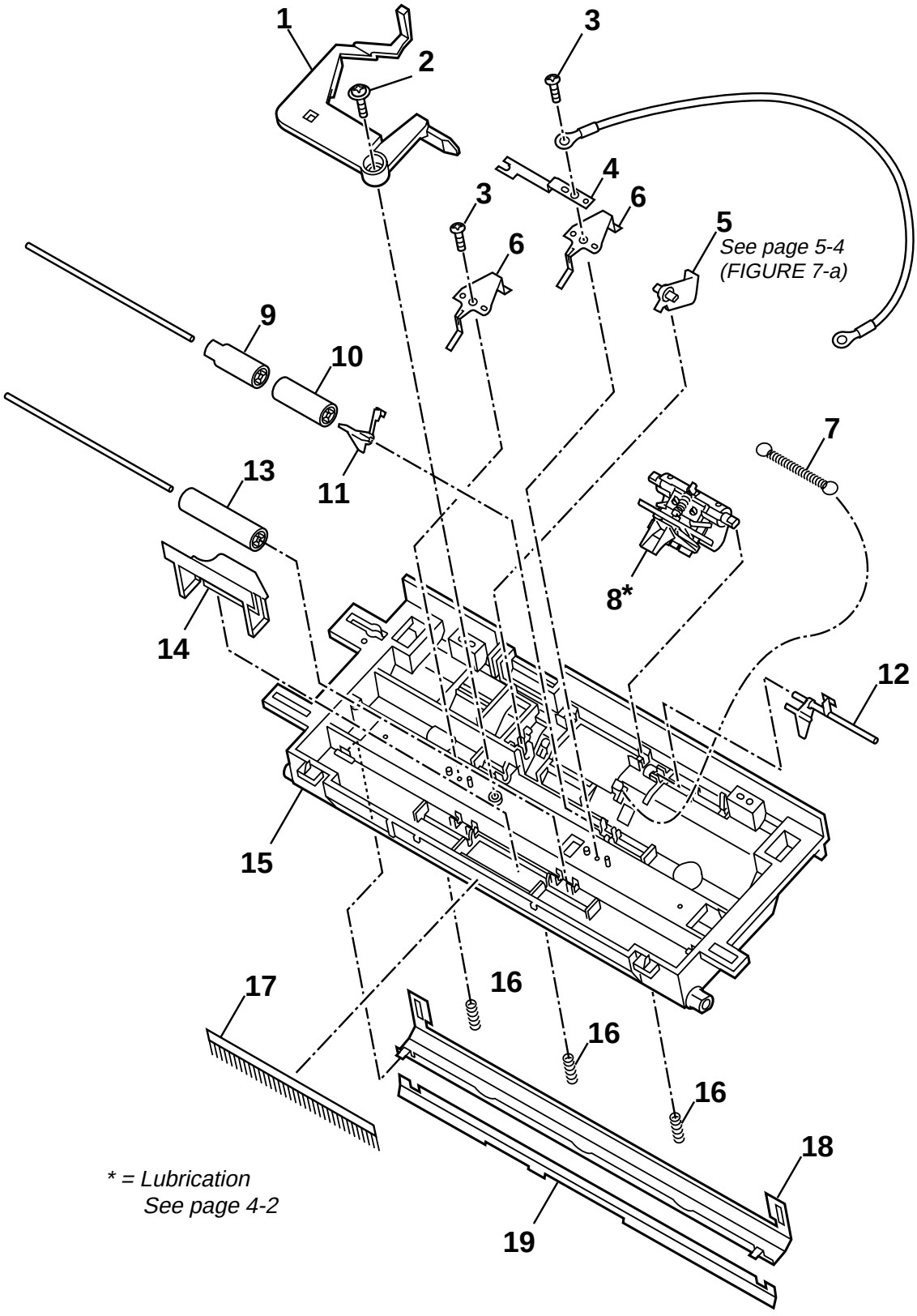
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 5 - 1 | HB1-4077-000 | | 1 | ABSORBER, WASTE INK B | |
| 2 | HB1-4076-000 | | 1 | ABSORBER, WASTE INK A | |
| 3 | HF5-0492-000 | N | 1 | MAIN FRAME ASS'Y | A B C D E F G H I |
| | HF5-0584-000 | N | 1 | MAIN FRAME ASS'Y | • • • • • • • • • J K L |
| 4 | HB1-4029-000 | | 1 | TRAY, RECORDING PAPER (SUB) | A B C D E F G H I |
| | HB1-4149-000 | | 1 | TRAY, RECORDING PAPER (SUB) | • • • • • • • • • J K L |
| 5 | HB1-4073-000 | | 1 | PLATE, GROUNDING | |
| 6 | QB1-3593-000 | | 2 | FOOT, PRINTER | |
| 7 | HB1-4030-000 | | 1 | PLATE, PAPER SUPPORT (LEFT) | A B C D E F G H I |
| | HB1-4150-000 | | 1 | PLATE, PAPER SUPPORT (LEFT) | • • • • • • • • • J K L |
| 8 | HB1-4031-000 | | 1 | PLATE, PAPER SUPPORT (RIGHT) | A B C D E F G H I |
| | HB1-4151-000 | | 1 | PLATE, PAPER SUPPORT (RIGHT) | • • • • • • • • • J K L |
| 9 | HB1-4028-000 | | 1 | TRAY, RECORDING PAPER | A B C D E F G H I |
| | HB1-4148-000 | | 1 | TRAY, RECORDING PAPER | • • • • • • • • • J K L |
| 10 | WT2-5473-000 | | 2 | COVER, SCREW HOLE | |

# **FIGURE 6** OPERATION PANEL & ADF, UPPER



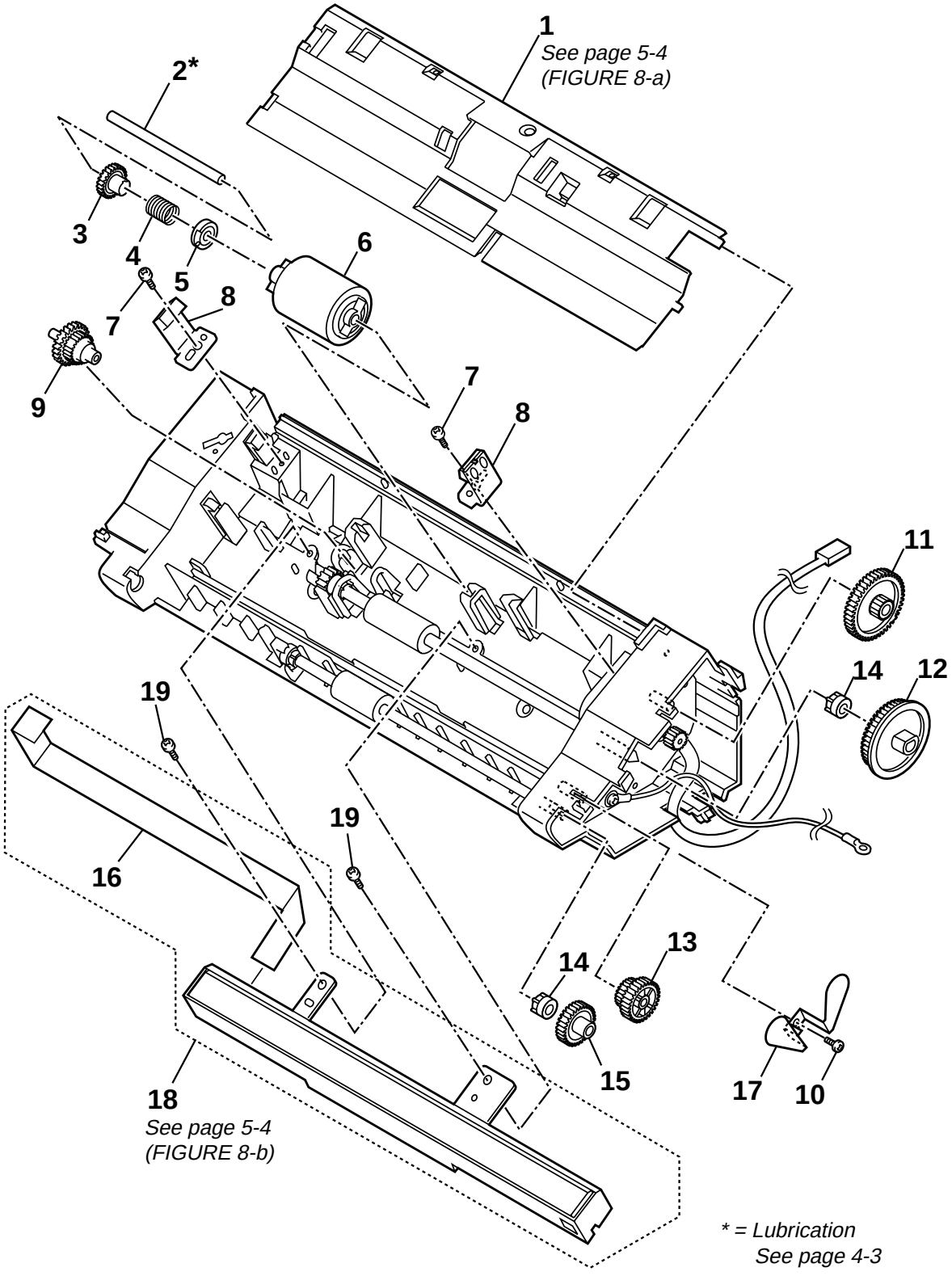
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 6 - 1 | HB1-4099-000 | | 1 | SHEET, OPERATION PANEL | • • • • E • G |
| | HB1-4101-000 | | 1 | SHEET, OPERATION PANEL | • • • • • F |
| | HB1-4154-000 | | 1 | SHEET, OPERATION PANEL | • • • • • • • • • I |
| | HB1-4155-000 | | 1 | SHEET, OPERATION PANEL | • • • • • • • H |
| | HB1-4639-000 | | 1 | SHEET, OPERATION PANEL | • • • • • • • • • • • • L |
| 2 | HH7-2442-000 | | 1 | OPERATION PANEL UNIT | A B C D E F G H I |
| | HH7-2474-000 | | 1 | OPERATION PANEL UNIT | • • • • • • • • • • J K L |
| 3 | HB1-4110-000 | | 1 | FACEPLATE, ONE-TOUCH DIAL | • • • • E F G |
| | HB1-4156-000 | | 1 | FACEPLATE, ONE-TOUCH DIAL | • • • • • • • H I |
| | HB1-4974-000 | | 1 | SHEET, ONE-TOUCH DIAL | • • • • • • • • • • • • L |
| 4 | HH2-2928-000 | | 1 | CABLE, FLAT, 13P | |
| 5 | NPN | | 1 | DOCUMENT GUIDE UPPER | |
| 6 | XB4-7301-009 | | 2 | SCREW, BINDING HEAD SELF-TPG | |

# FIGURE 7 ADF, UPPER



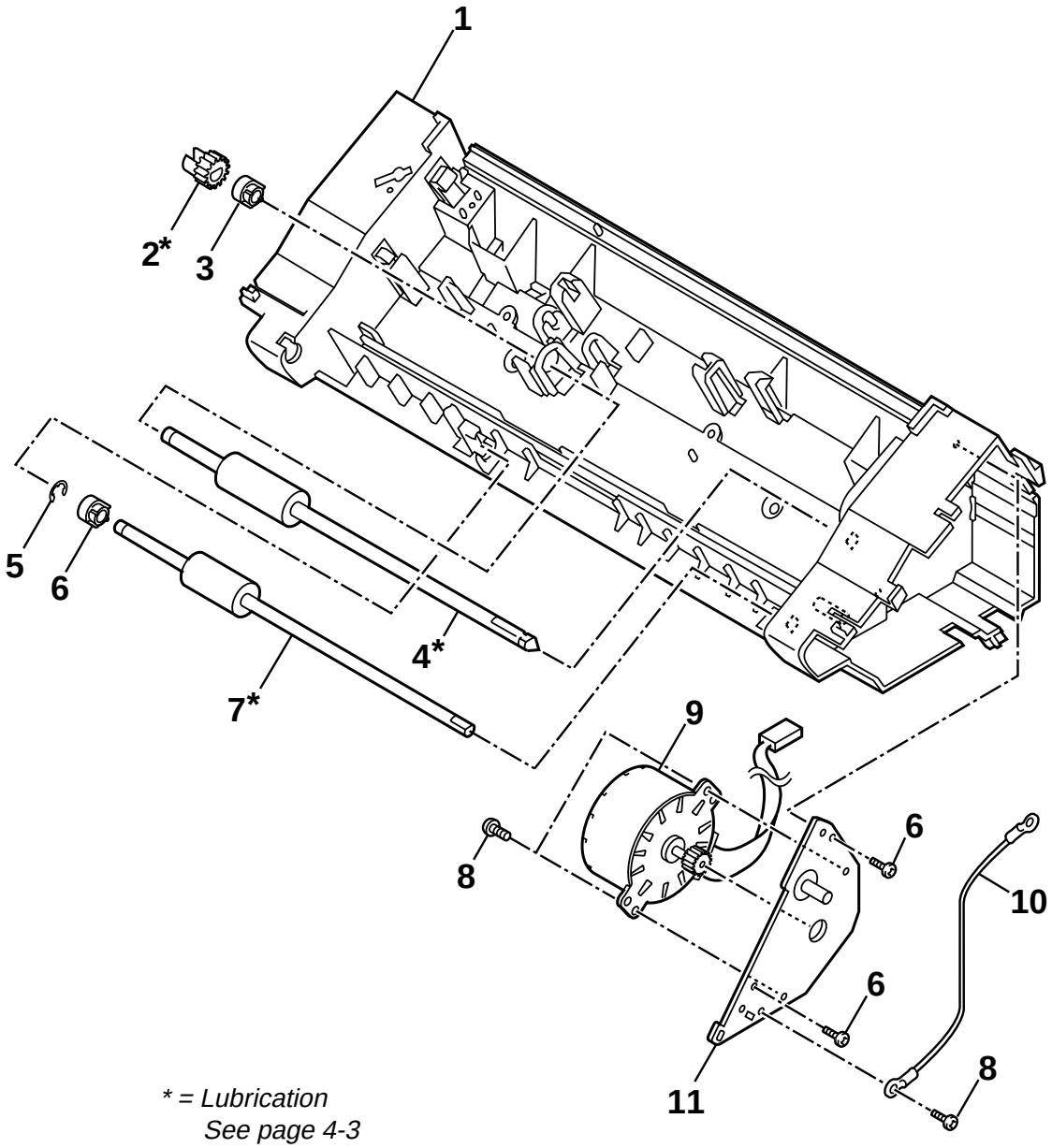
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 7 - 1 | HB1-4063-000 | | 1 | LEVER, SWITCHING | |
| 2 | XA9-0476-000 | | 1 | SCREW, TP M3X8 | |
| 3 | XB4-7300-807 | | 2 | SCREW, TAP TIGHT, BINDING HEAD | |
| 4 | HB1-4071-000 | | 1 | PLATE, GROUNDING | |
| 5 | HB1-4061-000 | | 1 | STOPPER, DOCUMENT | |
| 6 | HB1-4062-000 | | 2 | PLATE, PRESSURE | |
| 7 | HS5-2168-000 | | 1 | SPRING | |
| 8 | HG5-2024-000 | | 1 | SEPARATION GUIDE ASS'Y | |
| 9 | HB1-2864-000 | | 1 | ROLLER, BACK UP | |
| 10 | HS5-6023-030 | | 1 | ROLLER, BACK UP | |
| 11 | HB1-4059-000 | | 1 | ARM, DETECTION (DES) | |
| 12 | HB1-4060-000 | | 1 | ARM, DETECTION (DS) | |
| 13 | HS5-6042-000 | | 1 | ROLLER, DELIVERY, 2 | |
| 14 | HB1-4089-000 | | 1 | SHEET, DOCUMENT STOP | |
| 15 | HB1-4058-000 | | 1 | COVER, ADF, UPPER | |
| 16 | HS5-2170-000 | | 3 | SPRING, WHITE SHEET | |
| 17 | HB1-4072-000 | | 1 | BRUSH, STATIC DISCHARGE | |
| 18 | HF5-0488-030 | | 1 | WHITE SHEET UNIT | |
| 19 | HB1-4065-000 | | 1 | SHEET, LIGHT SHIELD | |

# **FIGURE 8** ADF, LOWER (1)



| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 8 - 1 | HB1-4054-000 | | 1 | COVER, ADF, LOWER | |
| 2 | HB1-2881-000 | | 1 | SHAFT, SEPARATION ROLLER | |
| 3 | HS5-0237-000 | | 1 | GEAR, 32T | |
| 4 | HS5-2027-000 | | 1 | SPRING, CLUCH | |
| 5 | HB1-1779-000 | | 1 | SPACER | |
| 6 | HB1-4561-000 | | 1 | ROLLER, SEPARATION | |
| 7 | XB4-7300-807 | | 2 | SCREW, TAP TIGHT, BINDING HEAD | |
| 8 | HF5-0305-000 | | 2 | PANEL HOLDER UNIT | |
| 9 | HS5-0236-000 | | 1 | GEAR, 36T/24T | |
| 10 | XB1-2300-407 | | 1 | SCREW, BH3X4 (S) | |
| 11 | HS5-0284-000 | | 1 | GEAR, 20T/63T | |
| 12 | HS5-0285-000 | | 1 | GEAR, 66T | |
| 13 | HS5-0286-000 | | 1 | GEAR, 26T/37T | |
| 14 | HS1-1063-000 | | 2 | BUSHING | |
| 15 | HS5-0287-000 | | 1 | GEAR, 35T | |
| 16 | HH2-2931-000 | | 1 | CABLE, FLAT, 12P | |
| 17 | HB1-4052-000 | | 1 | PLATE, GROUNDING | |
| 18 | HG5-2021-000 | | 1 | CONTACT SENSOR UNIT | |
| 19 | XB4-7301-009 | | 2 | SCREW, BINDING HEAD SELF-TPG | |

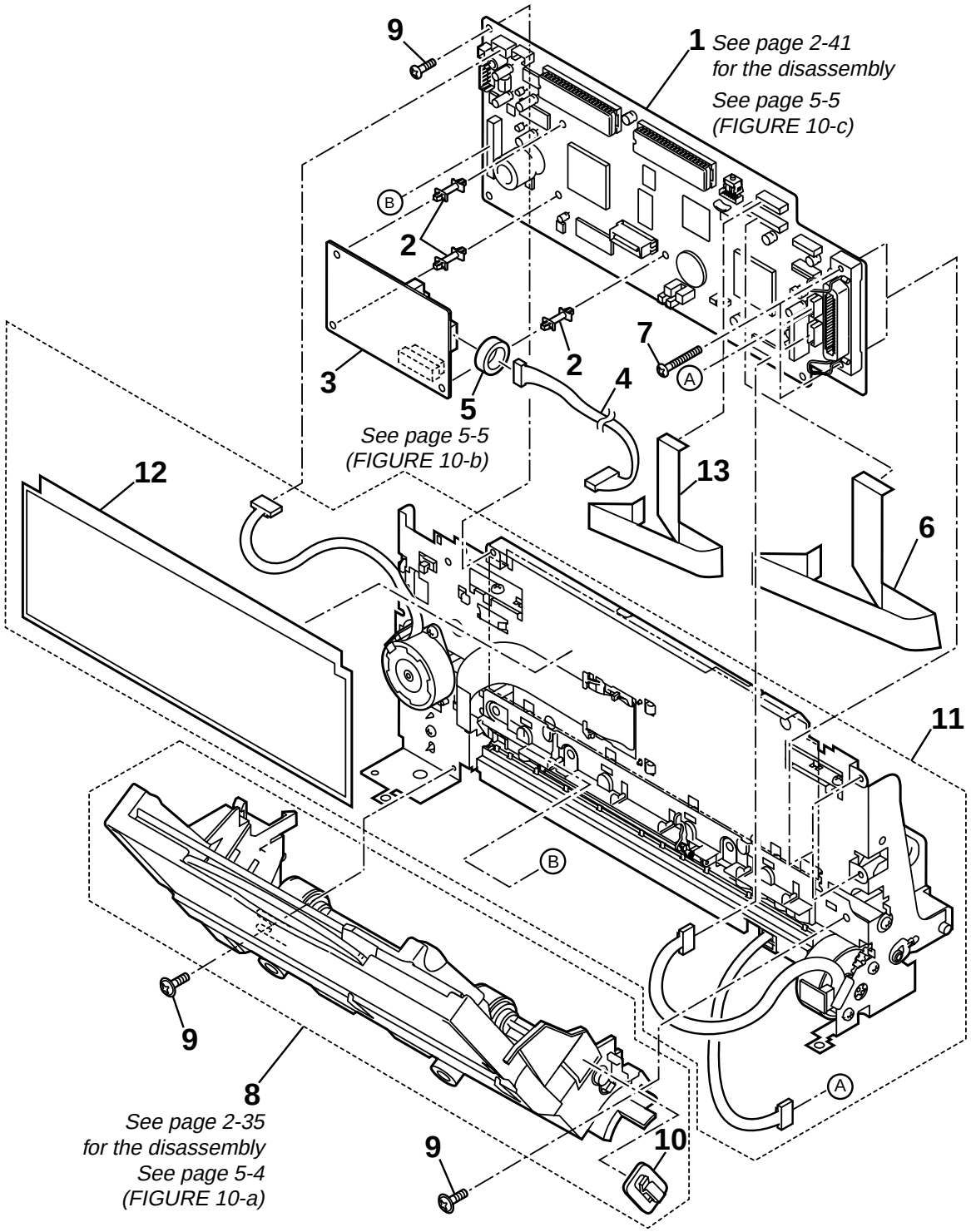
# FIGURE 9 ADF, LOWER (2)




* = Lubrication
See page 4-3

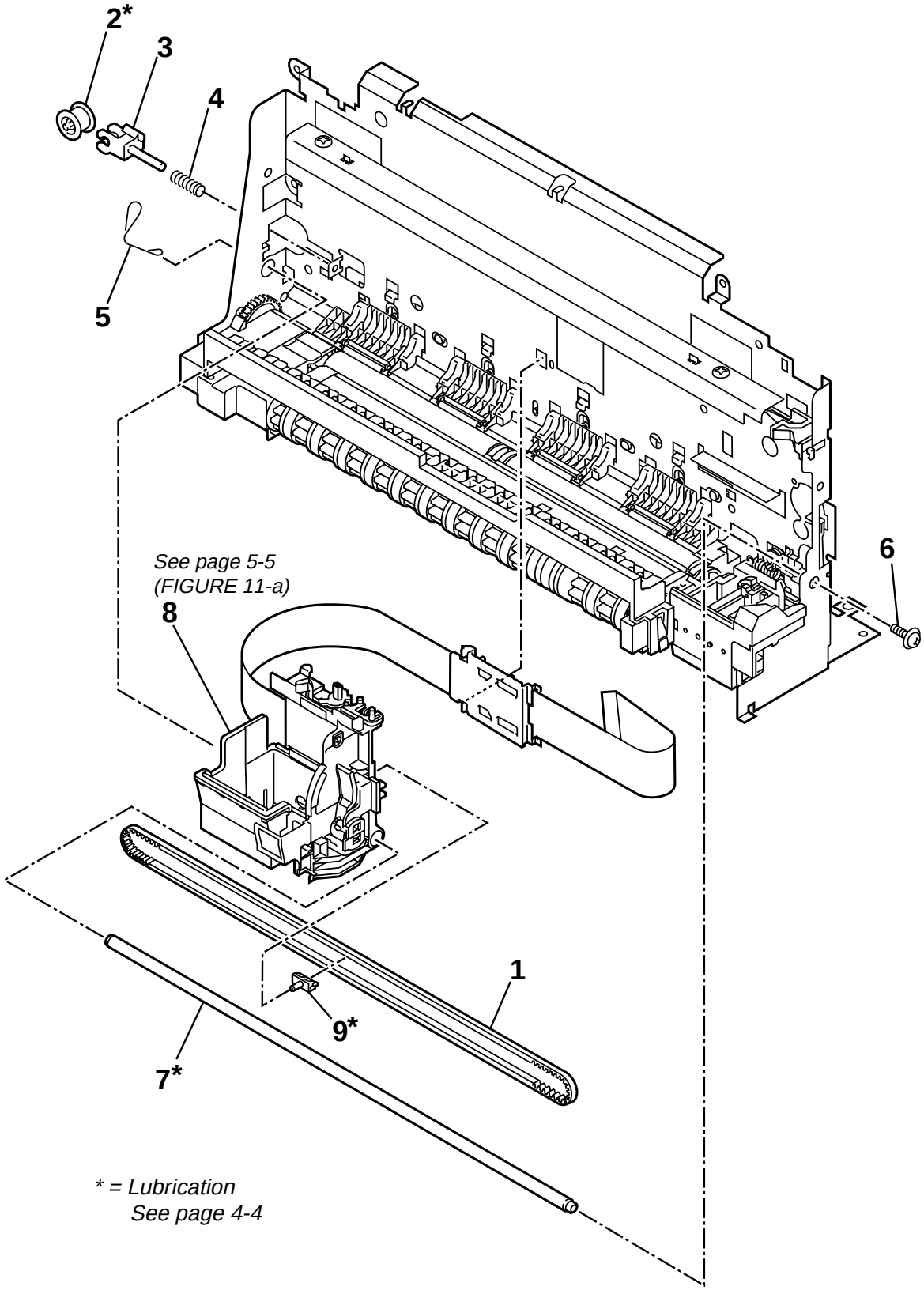
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 9 - 1 | HB1-4053-000 | N | 1 | FRAME, ADF, LOWER | |
| 2 | HS5-0283-000 | | 1 | GEAR, 19T | |
| 3 | HS1-1063-000 | | 2 | BUSHING | |
| 4 | HB1-4049-000 | | 1 | ROLLER, DOCUMENT FEED | |
| 5 | XD2-1100-402 | | 1 | RETAINING RING (E-TYPE) | |
| 6 | XB4-7300-807 | | 2 | SCREW, TAP TIGHT, BINDING HEAD | |
| 7 | HB1-4050-000 | | 1 | ROLLER, DOCUMENT EJECT | |
| 8 | XB1-2300-407 | | 3 | SCREW, BH3X4 (S) | |
| 9 | HH7-2386-000 | | 1 | MOTOR, DOCUMENT FEED | |
| 10 | NPN | | 1 | WIRE, GROUNDING | |
| 11 | HF5-0487-000 | | 1 | PLATE, SCANNER DRIVE | |

# **FIGURE 10** AUTO SHEET FEEDER & SPCNT BOARD ASS'Y



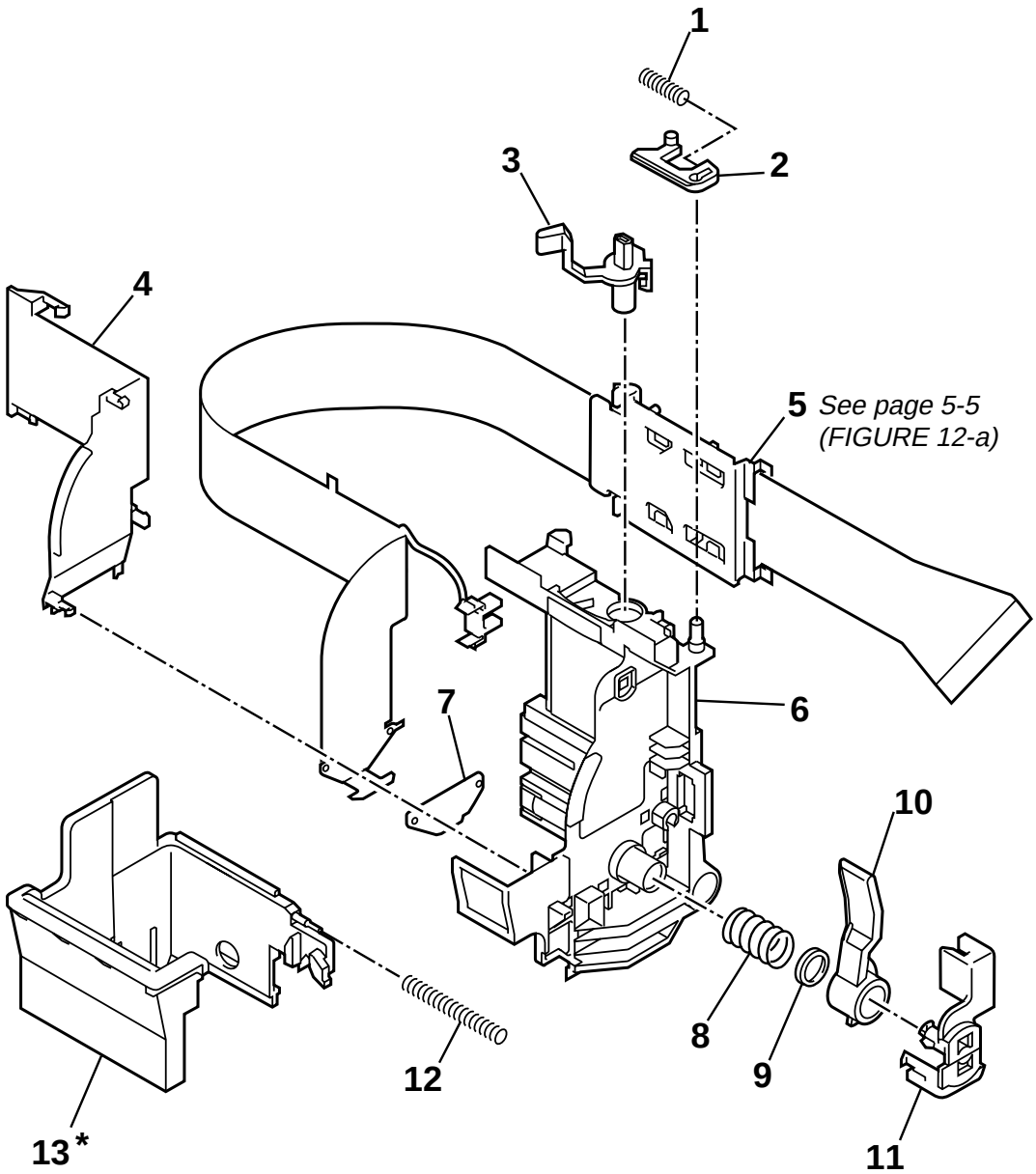
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 10 - 1 | HG5-2051-000 | | 1 | SPCNT BOARD ASS'Y | • B • D |
| | HG5-2053-090 | | 1 | SPCNT BOARD ASS'Y | A • C • E F G H I |
| | HG5-2330-000 | | 1 | SPCNT BOARD ASS'Y | • • • • • • • • • J K L |
| 2 | VT2-0013-160 | | 3 | SPACER, PCB | |
| 3 | HG1-4360-000 | | 1 | MODEM BOARD ASS'Y (14400BPS) | A • C • E F G H I J K L |
| | HG5-2055-000 | | 1 | MODEM BOARD ASS'Y (28800BPS) | • B • D |
| 4 | HH2-2887-000 | | 1 | CABLE WITH CONNECTOR, 6P | |
| 5 | WE8-5687-000 | | 1 | FERRITE, CORE | |
| 6 | HH2-2934-000 | | 1 | CABLE, FLAT, 23P | |
| 7 | XB1-1301-207 | | 2 | SCREW, PH3X12 (S) | |
| 8 | HG5-2025-000 | | 1 | AUTO SHEET FEEDER ASS'Y | A B C D E F G H I |
| | HG5-2066-000 | | 1 | AUTO SHEET FEEDER ASS'Y | • • • • • • • • • J K L |
| 9 | XB6-7300-607 | | 3 | SCREW, TP, M3X6 | |
| 10 | WT2-5615-000 | | 1 | CLIP, CABLE | |
| 11 | HG5-2038-000 | | 1 | PRINT ASS'Y | A B C D E F G H I |
| | HG5-2364-000 | | 1 | PRINT ASS'Y | • • • • • • • • • J K L |
| 12 | HB1-4118-000 | | 1 | SHEET, SHIELD | |
| 13 | HH2-2937-000 | | 1 | CABLE, FLAT, 14P | |

# FIGURE 11 PCARRIAGE SECTION (1)



| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 11 - 1 | QB1-3865-000 | | 1 | BELT, CARRIAGE | |
| 2 | QB1-0501-020 | | 1 | ROLLER, IDLER | |
| 3 | QB1-3834-000 | | 1 | BRACKET, IDLER | |
| 4 | QB1-0503-000 | | 1 | SPRING, COIL | |
| 5 | QB1-3897-000 | | 1 | CLIP, SHAFT | |
| 6 | XB5-6300-605 | | 1 | SCREW, TP, PH3X6 | |
| 7 | QB1-3837-000 | N | 1 | SHAFT, CARRIAGE | |
| 8 | HG5-2029-000 | | 1 | CARRIAGE ASS'Y | A B C D E F G H I |
| | HG5-2365-000 | | 1 | CARRIAGE ASS'Y | • • • • • • • • • J K L |
| 9 | QB1-3866-000 | | 1 | HOLDER, BELT | |

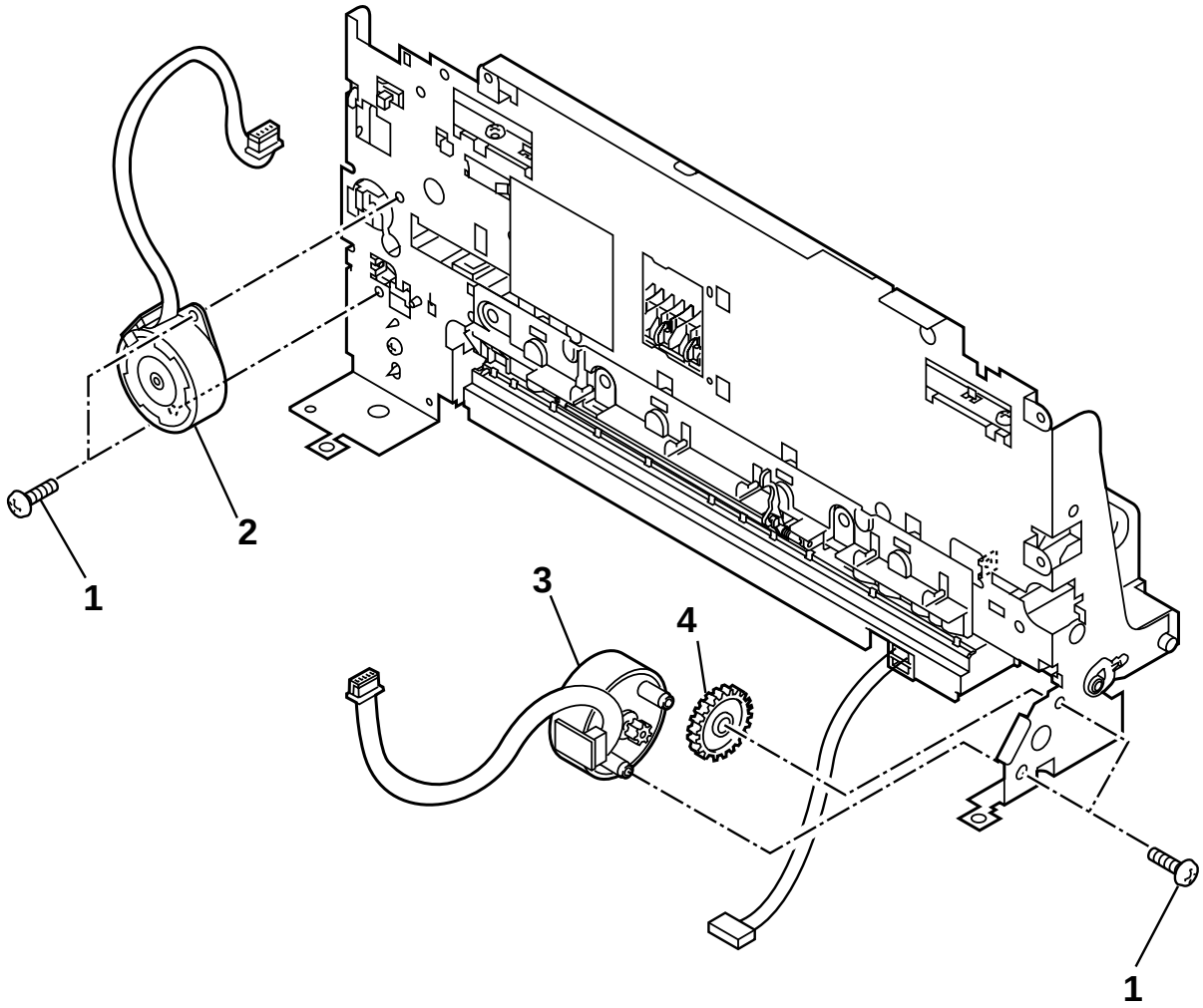
# FIGURE 12 CARRIAGE SECTION (2)




* = Lubrication
See page 4-4

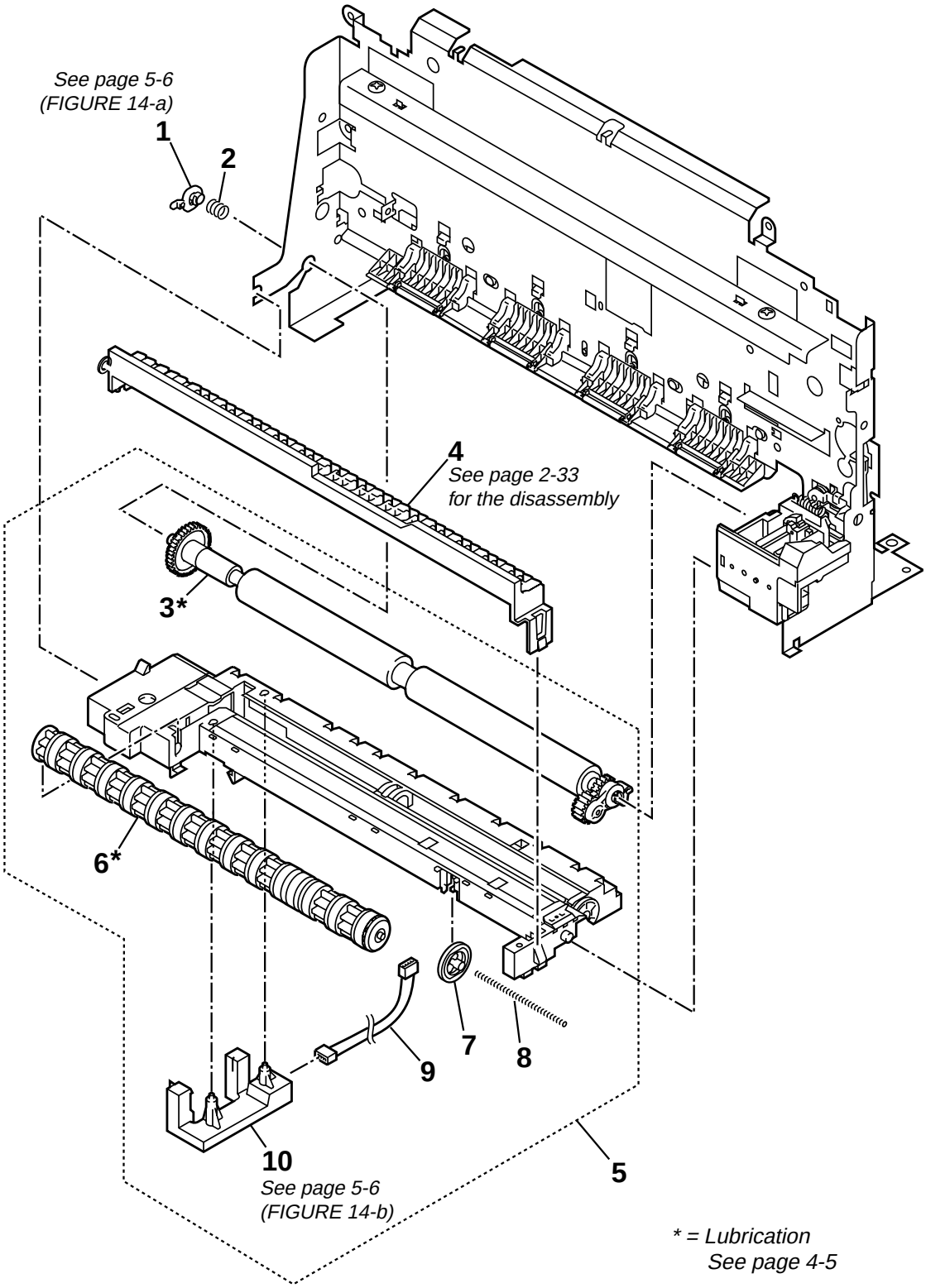
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 12 - 1 | NPN | | 1 | SPRING, COIL | |
| 2 | NPN | | 1 | ARM, CARRIAGE | |
| 3 | NPN | | 1 | LEVER, FORMS THICKNESS | |
| 4 | NPN | | 1 | GUIDE, RIBBON CABLE | |
| 5 | NPN | | 1 | CARRIGE RIBBON CABLE UNIT | |
| 6 | NPN | | 1 | BASE, CARRIAGE | |
| 7 | NPN | | 1 | PAD, CONTACT | |
| 8 | NPN | | 1 | SPRING, COIL | |
| 9 | NPN | | 1 | STOPPER | |
| 10 | NPN | | 1 | LEVER, LOCKING | |
| 11 | NPN | | 1 | COVER, LEVER | |
| 12 | NPN | | 1 | SPRING, COIL | |
| 13 | NPN | | 1 | CARTRIDGE HOLDER UNIT | |

# **FIGURE 13** MOTORS



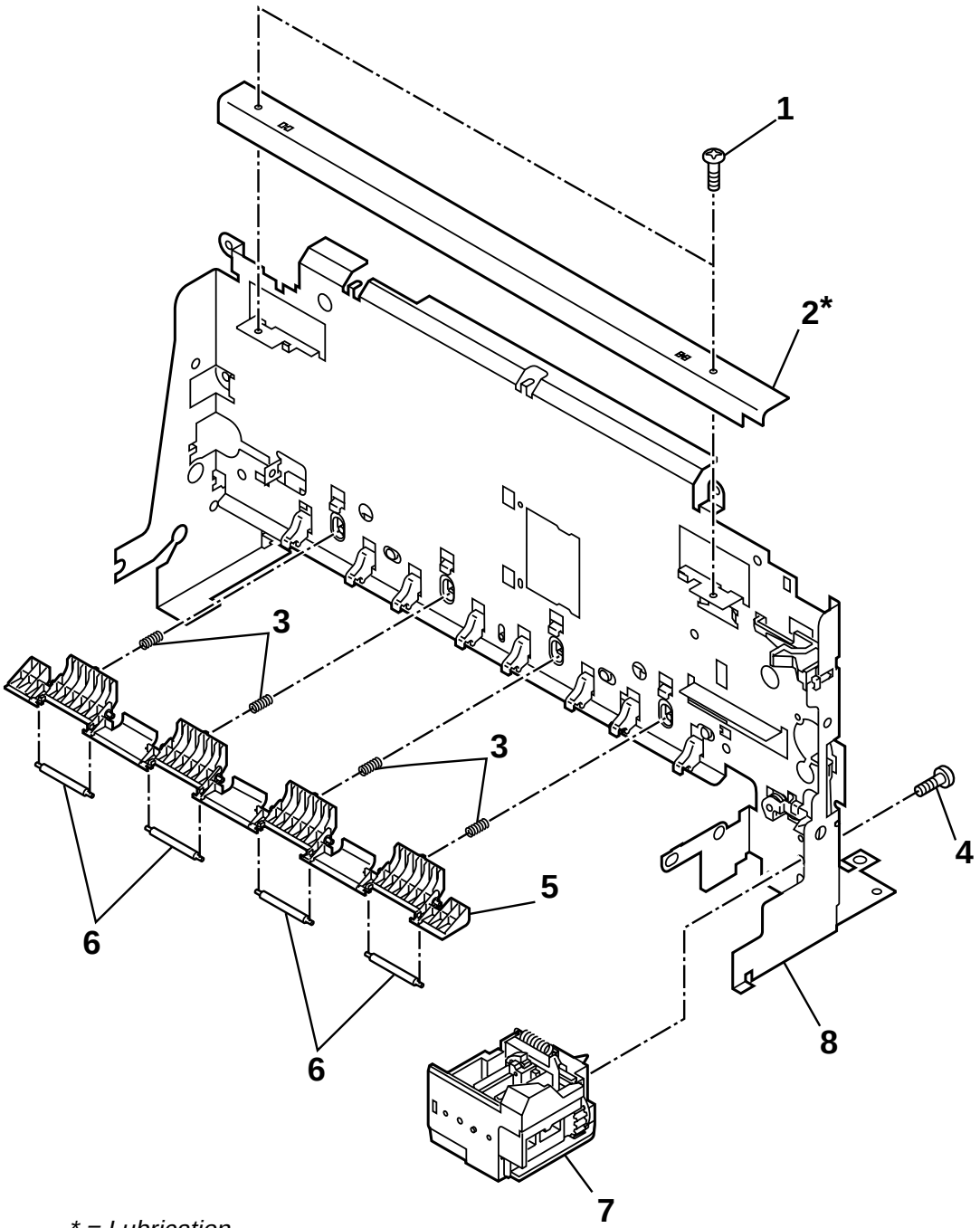
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 13 - 1 | XB1-2300-407 | | 4 | SCREW, BH3X4 (S) | |
| 2 | QH4-4241-000 | | 1 | MOTOR, CARRIAGE | |
| 3 | QH4-4245-000 | | 1 | MOTOR, PAPER FEED | |
| 4 | QB1-0500-000 | | 1 | GEAR, SLOW DOWN | |

# FIGURE 14 PAPER FEED SECTION (1)



| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 14 - 1 | QB1-3835-000 | | 1 | BUSHING | |
| 2 | QB1-0423-000 | | 1 | SPRING, COIL | |
| 3 | HG5-2032-000 | | 1 | PAPER FEED ROLLER ASS'Y | |
| 4 | HG5-2033-000 | | 1 | SPUR ASS'Y | |
| 5 | HG5-2031-000 | | 1 | PAPER FEED ASS'Y | |
| 6 | NPN | | 1 | PAPER EJECT ROLLER UNIT | |
| 7 | NPN | | 1 | ROLLER, TRANSMISSION | |
| 8 | NPN | | 1 | SHAFT, ROLLER | |
| 9 | HH2-2729-020 | | 1 | CABLE WITH CONNECTOR, 4P | |
| 10 | HH7-2371-000 | | 1 | INK DETECTION UNIT | |

# **FIGURE 15** PAPER FEED SECTION(2) & PURGE UNIT

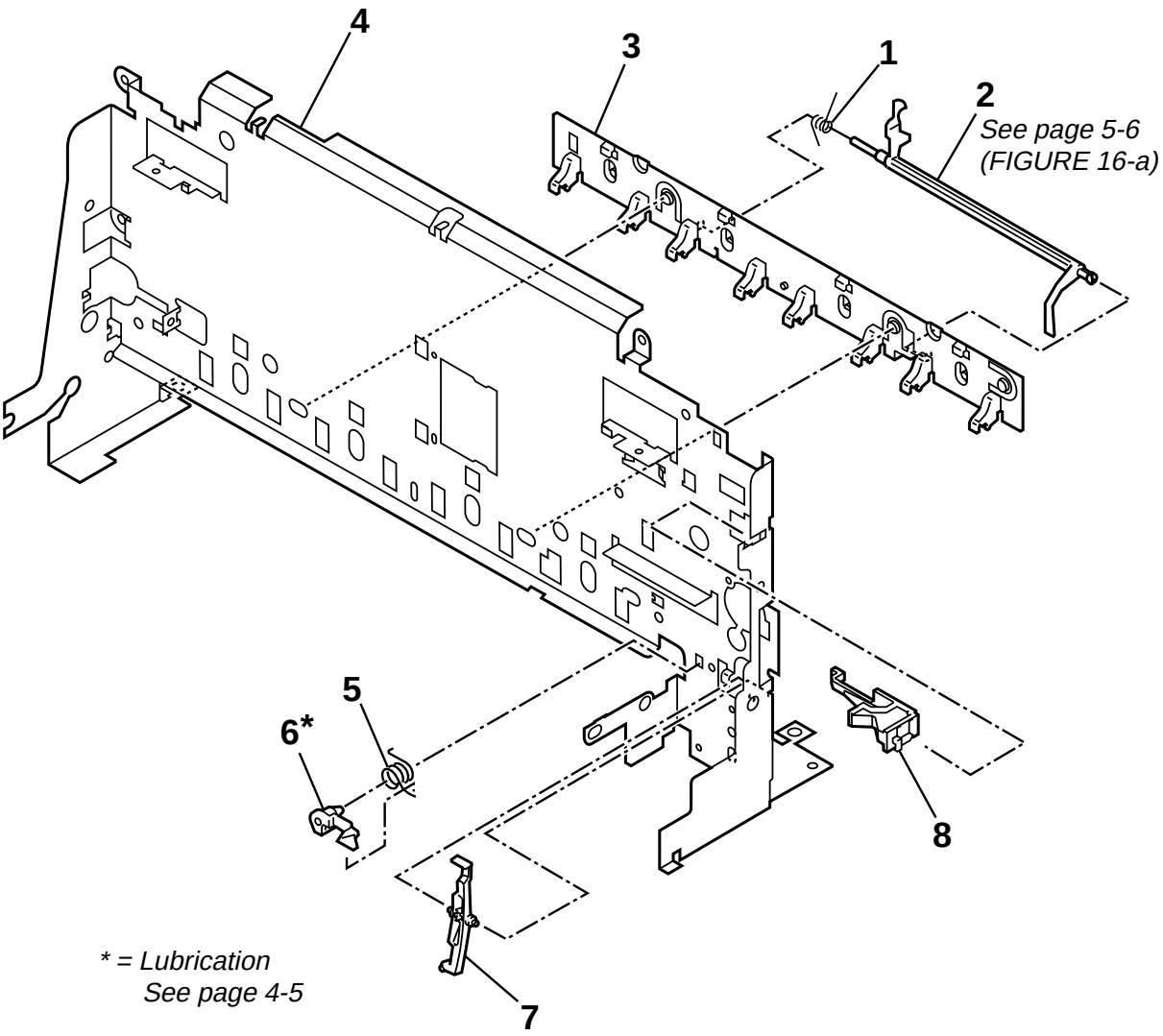



** = Lubrication*
*See page 4-4*

*See page 5-6*
*(FIGURE 15-a)*

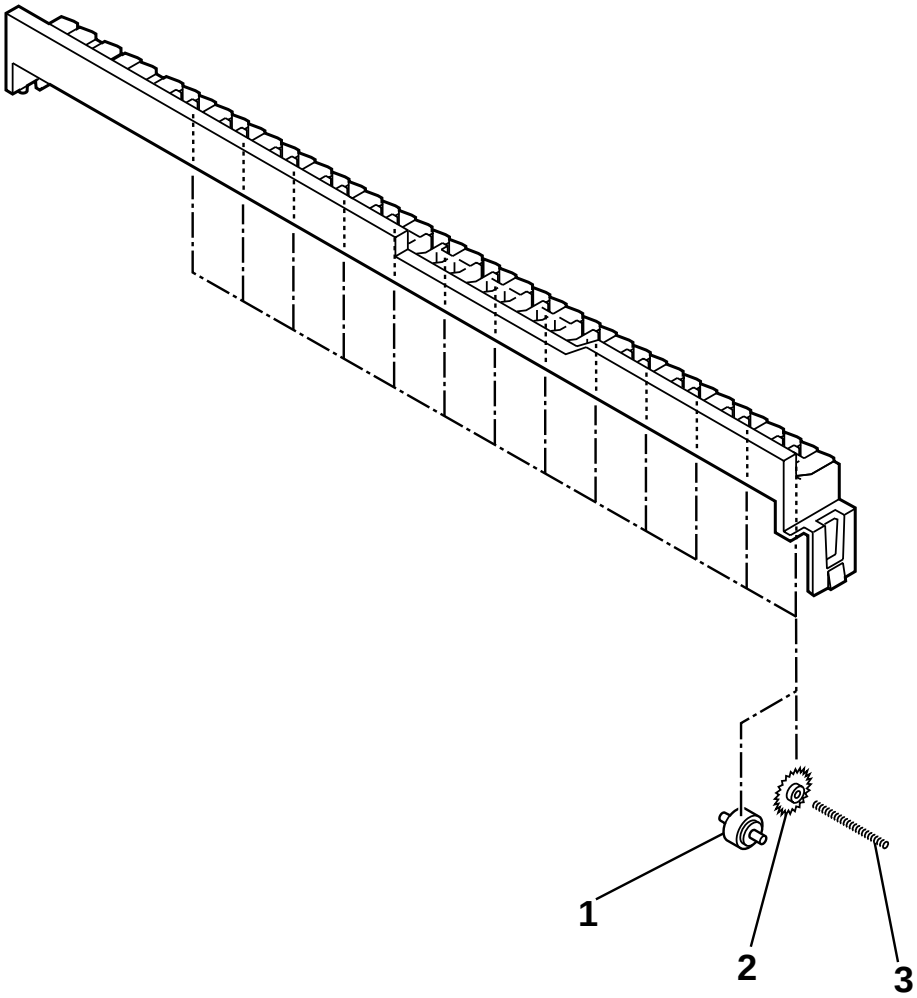
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 15 - 1 | XB1-2300-407 | | 2 | SCREW, BH3X4 (S) | |
| 2 | HB1-4036-000 | N | 1 | FRAME, CARRIAGE GUIDE | |
| 3 | QB1-3832-000 | | 4 | SPRING, COIL | |
| 4 | XB4-7300-509 | | 1 | SCREW, TAPPING, M3X5 | |
| 5 | QB1-3831-000 | | 1 | PLATE, PRESSURE | |
| 6 | QB1-3833-000 | | 4 | ROLLER, PRESSURE | |
| 7 | QG5-1319-020 | | 1 | PURGE UNIT | |
| 8 | HG5-2028-000 | | 1 | PRINTER FRAME UNIT | |

# FIGURE 16 PRINTER FRAME



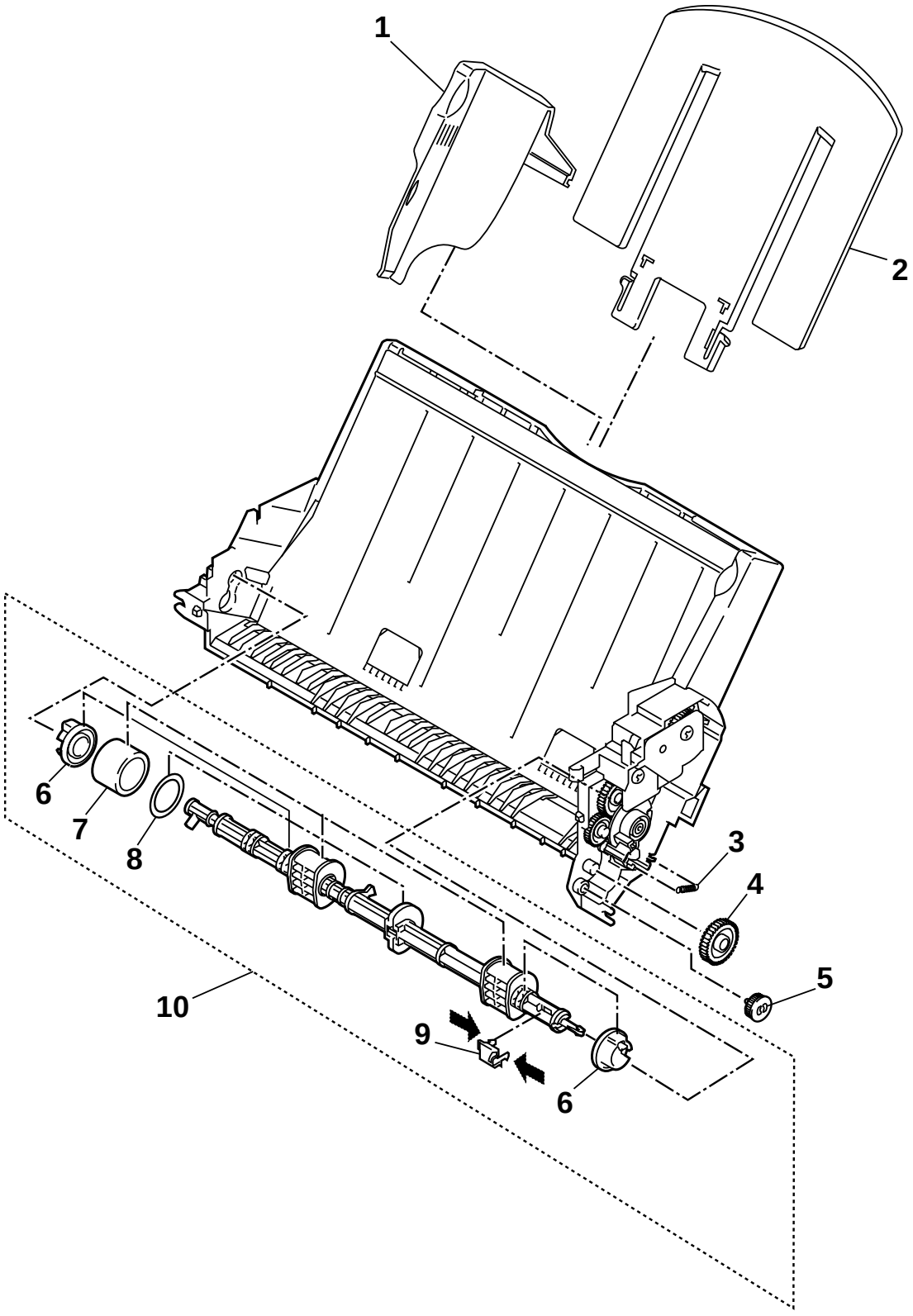
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 16 - 1 | QB1-0412-000 | | 1 | SPRING, TORSION | |
| 2 | HB1-4086-000 | | 1 | ARM, PAPER SENSOR | |
| 3 | NPN | | 1 | GUIDE, PRESSURE PLATE | |
| 4 | NPN | | 1 | FRAME, PRINTER | |
| 5 | NPN | | 1 | SPRING, TORSION | |
| 6 | NPN | | 1 | HOOK, CARRIAGE | |
| 7 | QB1-3905-000 | | 1 | ARM, SENSOR | |
| 8 | NPN | | 1 | GUIDE, CORNER | |

# **FIGURE 17** SPURS



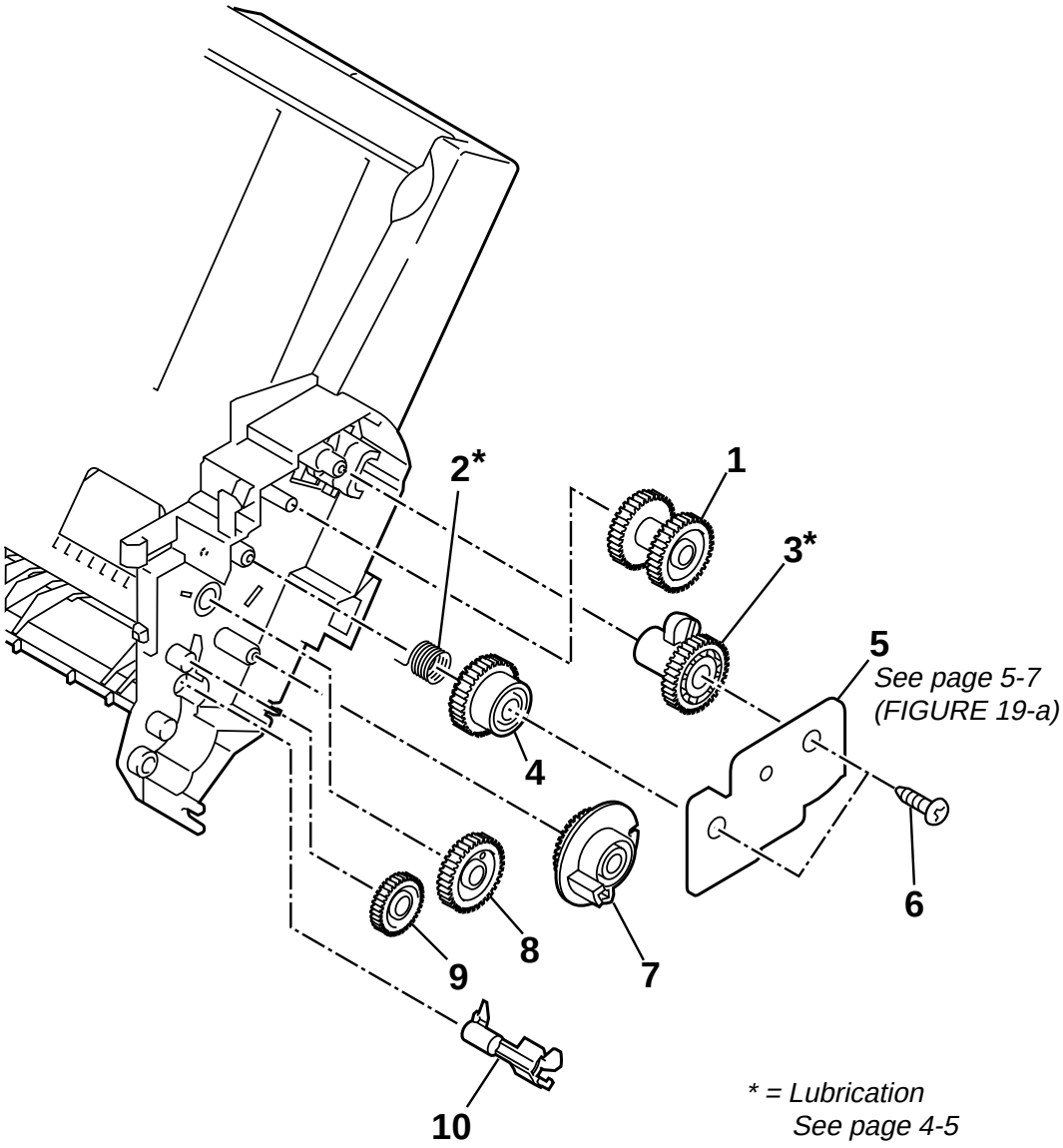
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 17 - 1 | NPN | | 1 | CLEANER ROLLER UNIT | |
| 2 | NPN | | 1 | SPUR | |
| 3 | NPN | | 1 | SPUR SHAFT | |

# **FIGURE 18** AUTO SHEET FEEDER (1)



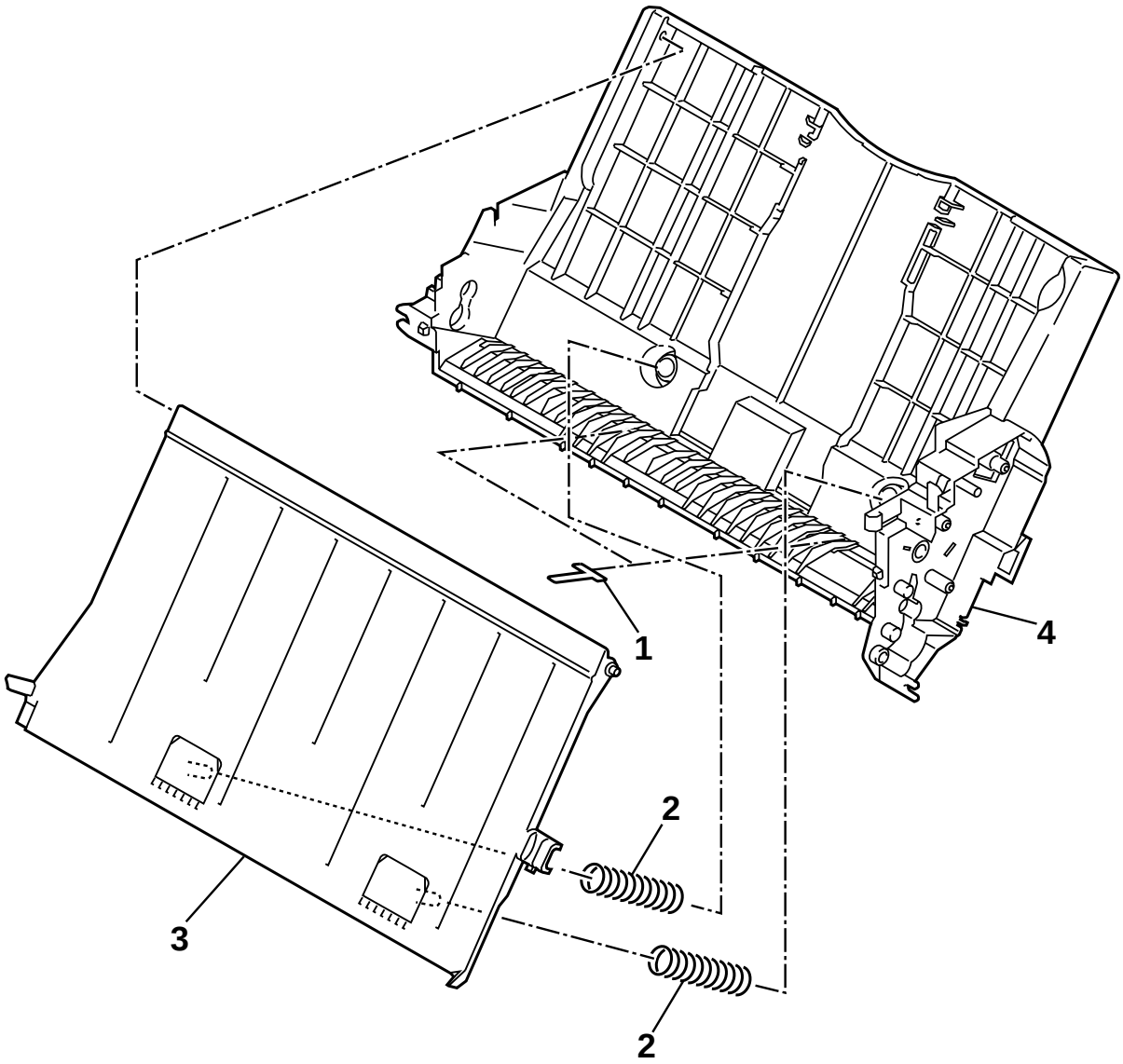
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 18 - 1 | NPN | | 1 | GUIDE, PAPER | |
| 2 | NPN | | 1 | SUPPORT, PAPER | |
| 3 | NPN | | 1 | SPRING, COIL HOOK END | |
| 4 | NPN | | 1 | GEAR, TRANSMISSION | |
| 5 | NPN | | 1 | GEAR, TRANSMISSION | |
| 6 | NPN | | 2 | ROLLER, SLIP | |
| 7 | NPN | | 1 | RING, RUBBER, PICK-UP | |
| 8 | NPN | | 1 | RING, RUBBER | |
| 9 | NPN | | 1 | GUIDE, PAPER | |
| 10 | HG5-2026-000 | | 1 | PICK-UP ROLLER ASS'Y | |

# **FIGURE 19** AUTO SHEET FEEDER (2)



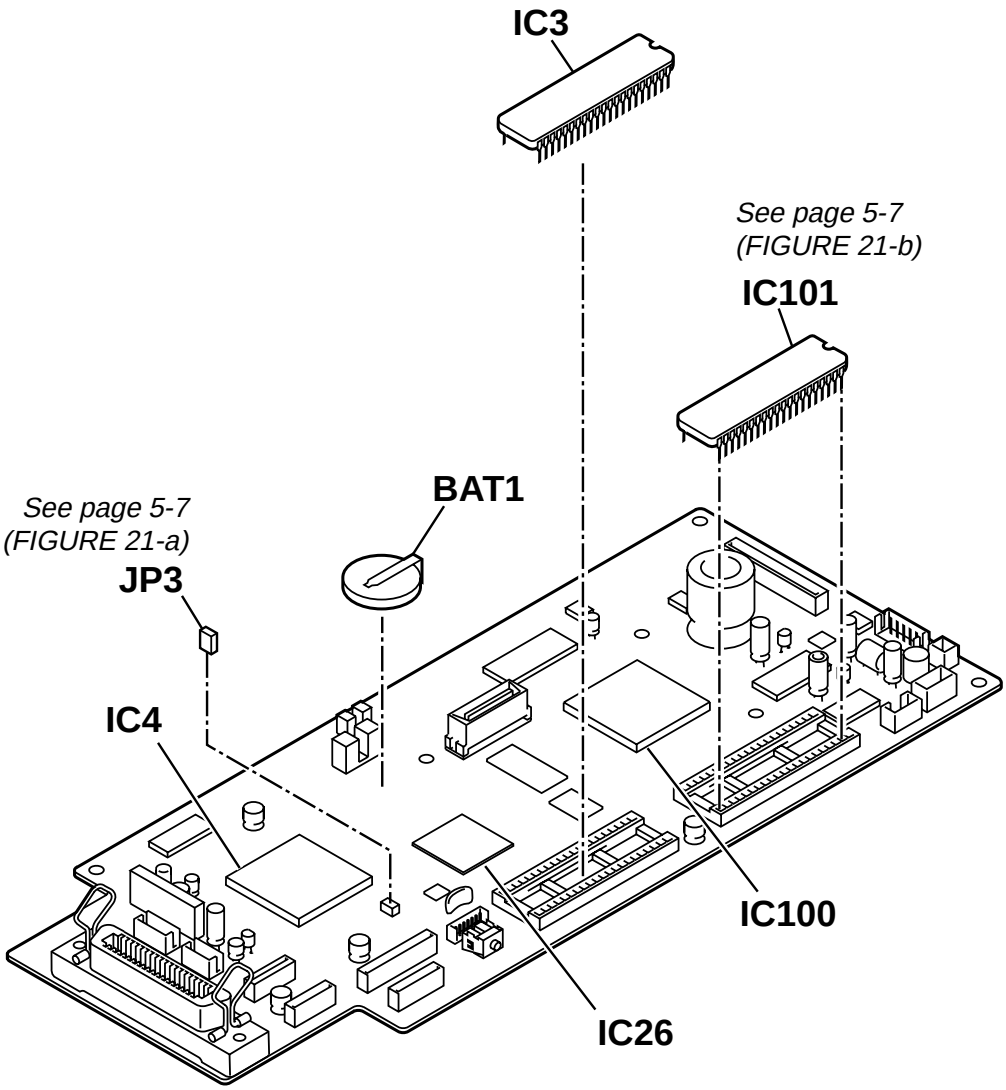
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 19 - 1 | NPN | | 1 | GEAR, TRANSMISSION | |
| 2 | NPN | | 1 | SPRING, ONE WAY CLUTCH | |
| 3 | NPN | | 1 | GEAR, CAM | |
| 4 | NPN | | 1 | GEAR, ONE WAY CLUTCH | |
| 5 | NPN | | 1 | PLATE, GEAR SUPPORT | |
| 6 | XB4-7301-005 | | 2 | SCREW, BH M3X10 | |
| 7 | NPN | | 1 | GEAR, CONTROL | |
| 8 | NPN | | 1 | GEAR, PICK UP ROLLER | |
| 9 | NPN | | 1 | GEAR, TRANSMISSION | |
| 10 | NPN | | 1 | SEPARATER, PAPER | |

# **FIGURE 20** AUTO SHEET FEEDER (3)



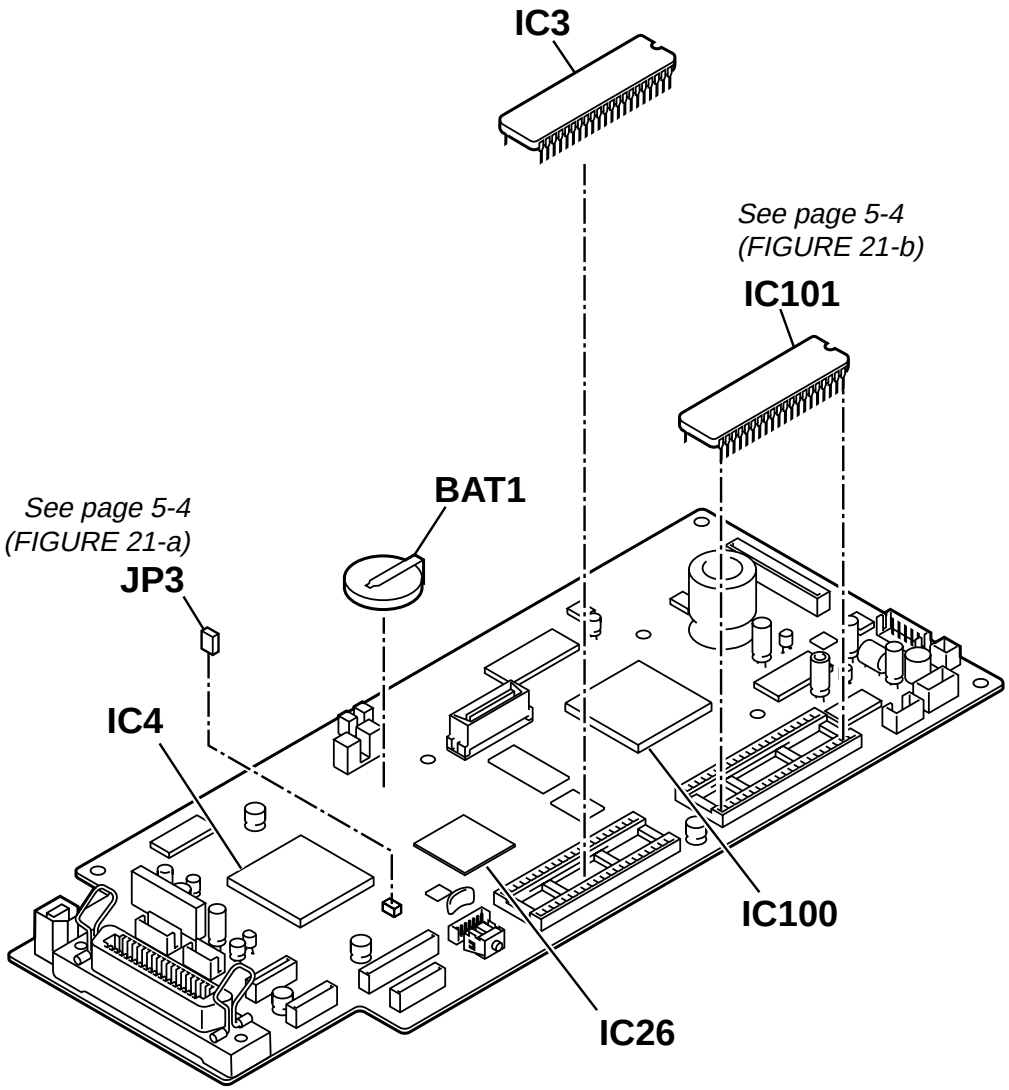
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 20 - 1 | NPN | | 2 | SHEET, MEDIA STOPPER | |
| 2 | NPN | | 2 | SPRING, COIL | |
| 3 | NPN | | 1 | PAPER LIFTING PLATE ASS'Y | |
| 4 | NPN | | 1 | FRAME, ASF | |

## **FIGURE 21** MultiPASS C70/C80 FAX-B210C/B230C SPCNT BOARD



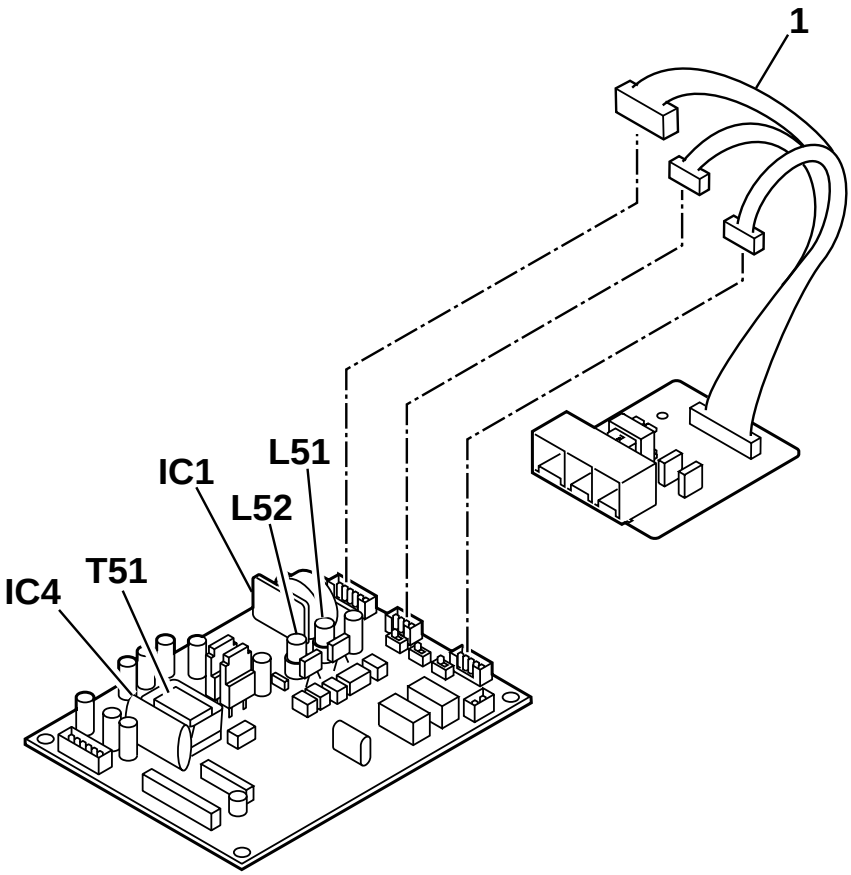
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 21 - BAT1 | WK1-5130-000 | | 1 | BATTERY, LITHIUM, CR2032/1HS | |
| IC3 | HH4-3258-030 | | 1 | IC, MR27V1652D-17RA, OTP-ROM | • B • D |
| | HH4-3262-030 | | 1 | IC, MR27V1652D-10RA, OTP-ROM | A • C • E F G H I |
| IC4 | HH4-3255-000 | | 1 | IC, KS4M9U1166CFP, GATE ARRAY | |
| IC26 | HH4-3284-000 | | 1 | IC, UPD703102AGJ-33-703, MPU | |
| | HH4-3284-000 | | S | IC, UPD703102AGJ-33-703, MPU | |
| IC100 | QH8-0158-000 | | 1 | IC,T6W91,ASIC, | |
| IC101 | HH4-3353-020 | | 1 | IC, MSM534002E-44RS, MASK-ROM | |
| JP3 | WS1-5397-000 | N | 1 | PLUG, JUMPER | |

# **FIGURE 22** MultiPASS C75 FAX-B215C SPCNT BOARD



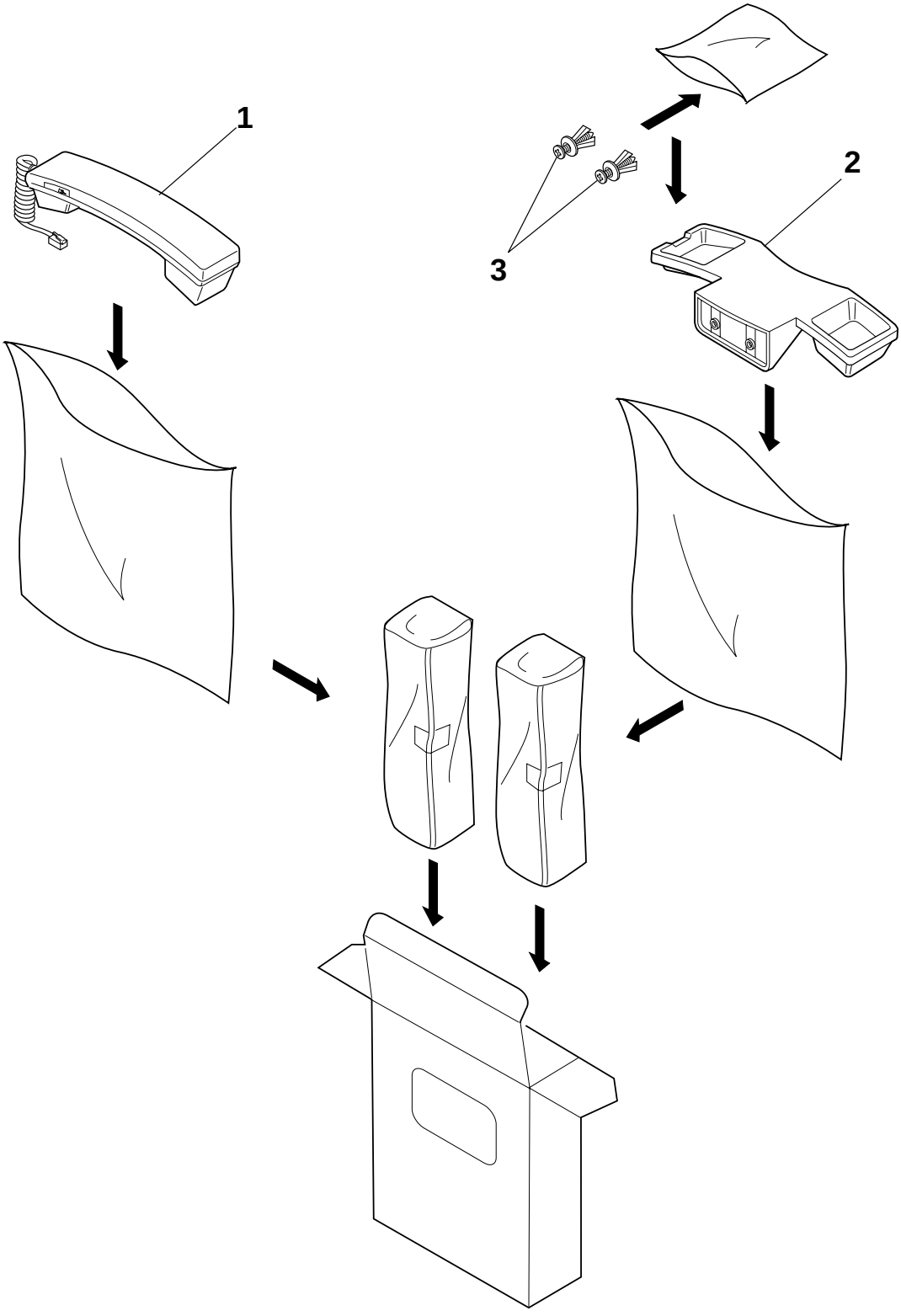
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 22 - BAT1 | WK1-5130-000 | | 1 | BATTERY, LITHIUM, CR2032/1HS | |
| IC3 | HH4-3395-000 | | 1 | IC, MR27V1652D42RA, OTP-ROM | |
| IC4 | HH4-3421-000 | | 1 | IC, MB87L1523, GATE-ARRAY | |
| IC26 | HH4-3373-000 | | 1 | IC, UPD703102GJ-A33-704, MCU | |
| IC100 | QH8-0158-000 | | 1 | IC,T6W91,ASIC, | |
| IC101 | HH4-3392-000 | | 1 | IC, MSM534002E-51RS, MASK-ROM | |
| JP3 | WS1-5397-000 | N | 1 | PLUG, JUMPER | |

# **FIGURE 23** NCU BOARD & MODULER JACK BOARD



| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 23 - 1 | HH2-2878-000 | | 1 | CABLE WITH CONNECTOR, 15P | |
| IC1 | HH7-2430-000 | | 1 | IC, HFS113F022A1, HYBRID | |
| IC4 | HH7-2431-000 | | 1 | IC, H8D2965, HYBRID | |
| L51 | HH7-2240-000 | | 1 | FIXED INDUCTOR TSU-FL 474 | A B C D • • • • • J K |
| L52 | HH7-2240-000 | | 1 | FIXED INDUCTOR TSU-FL 474 | |
| T51 | HH7-2427-000 | | 1 | TRANSFORMER, AUDIO | |

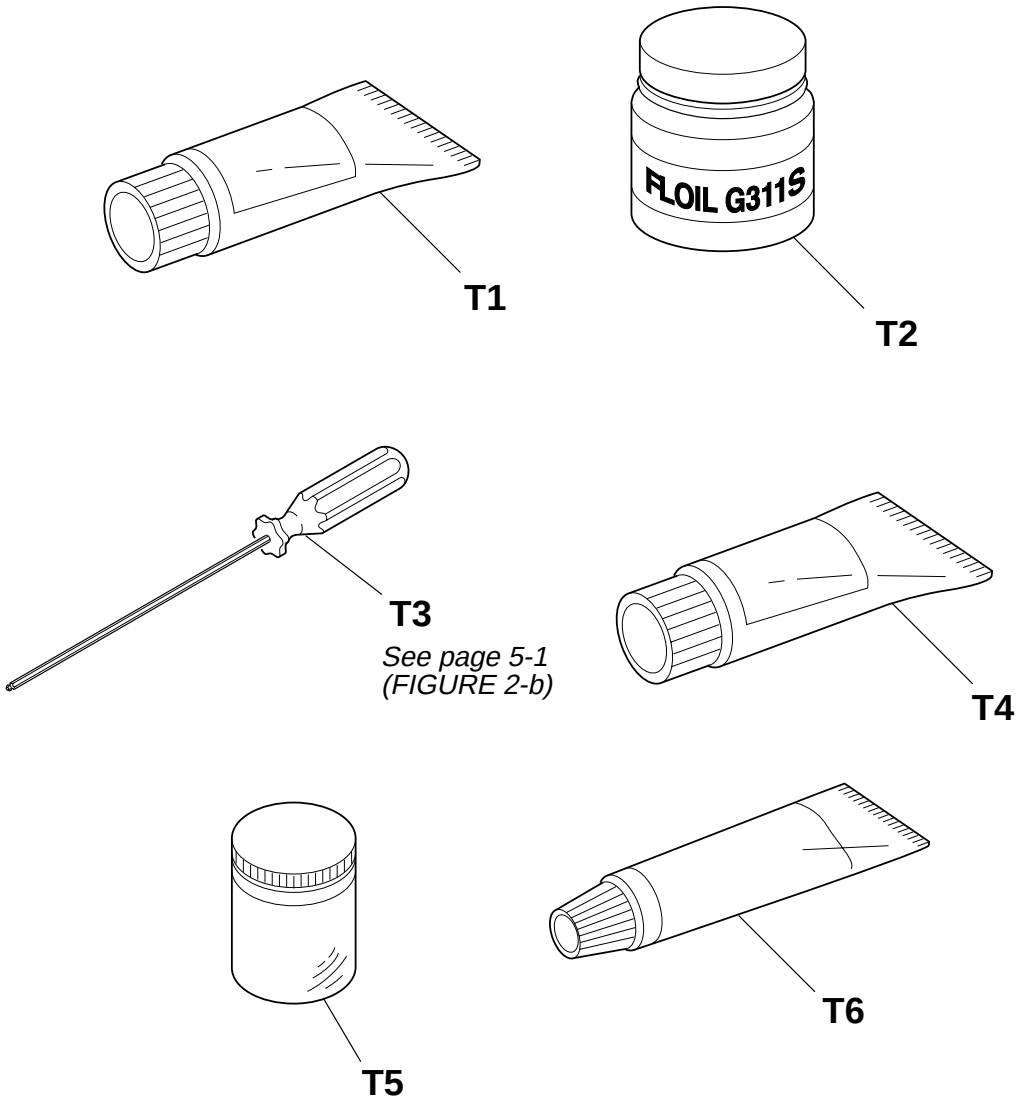
# **FIGURE 24** HANDSET KIT E3 / U3



| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 24 - 1 | HH7-2408-000 | | 1 | HANDSET UNIT | HANDSET KIT E3 |
| | HH7-2460-000 | | 1 | HANDSET UNIT | HANDSET KIT U3 |
| 2 | HB1-1264-000 | | 1 | HANDSET CRADLE | |
| 3 | WT2-5465-000 | | 2 | RIVET | |

# 3. TOOL

**FIGURE 25** TOOLS




*See page 5-1 (FIGURE 2-b)*

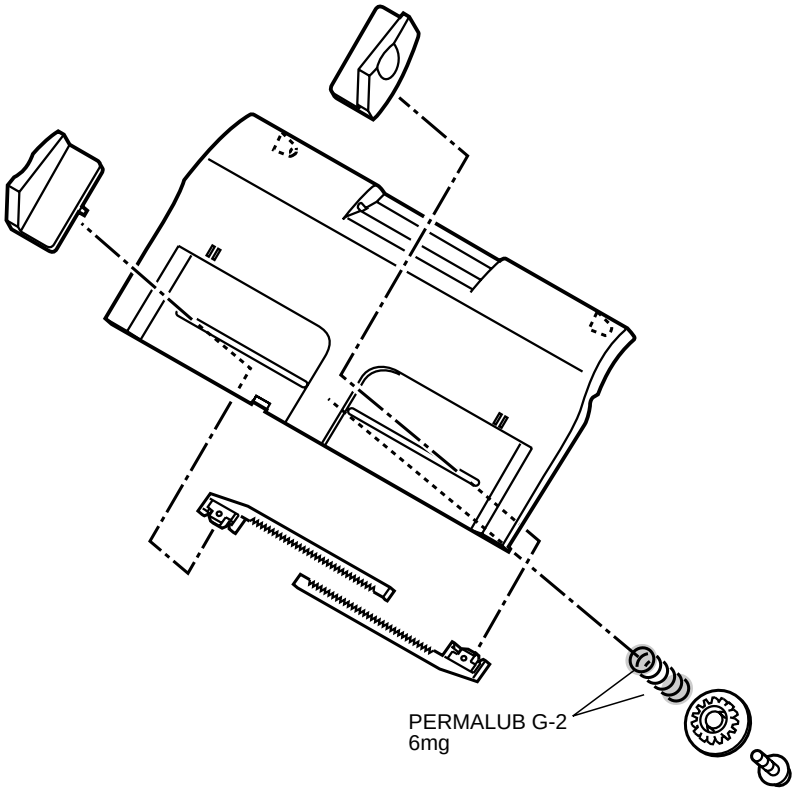
| FIGURE & KEY No. | PART No. | RANK | QTY | DESCRIPTION | REMARKS |
|---|---|---|---|---|---|
| 25 - T1 | CK-0562-000 | | 1 | LUBE, MOLYKOTE PG-641 GREASE | |
| T2 | TKC-0953-000 | | 1 | GREASE, FLOIL G311S (20GS) | |
| T3 | HY9-0021-000 | | 1 | SCREWDRIVER, HEX HEAD (1.27MM) | |
| T4 | CK-0551-020 | | 1 | LUBE, PERMALUB G NO.2 | |
| T5 | CK-8006-000 | | 1 | ELECTRICITY GREASE (IF-20) | |
| T6 | HY9-0023-000 | | 1 | LUBE, MOLYKOTE EMD-110, GREASE | |

# 4. LUBRICATIONS

## 4.1 Locations

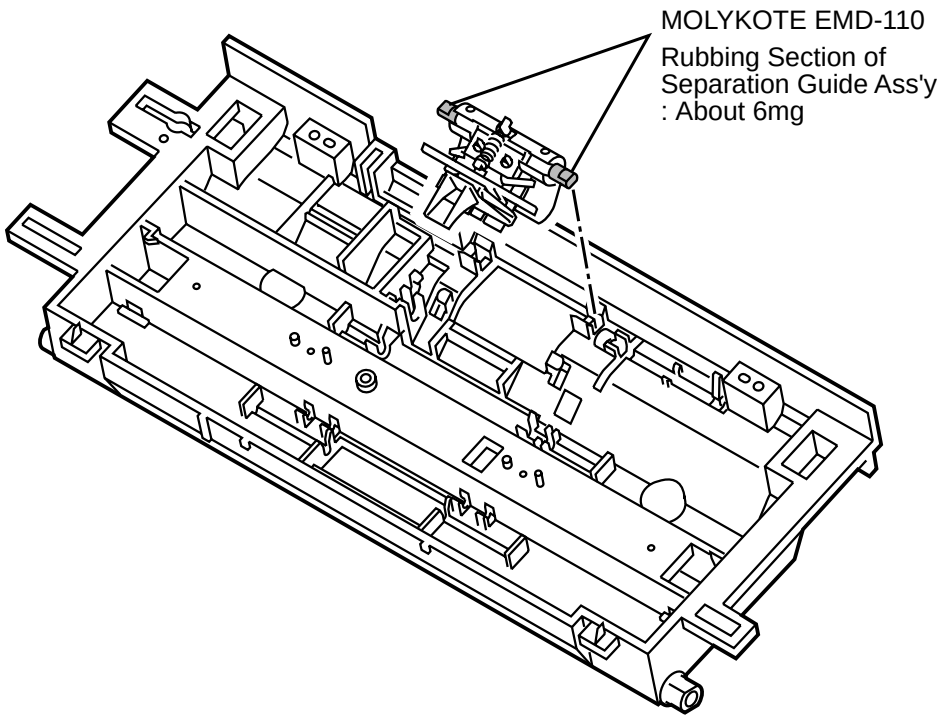
Some parts are lubricated with grease to ensure smooth operation and to increase conductivity. If lubricated parts are replaced or grease is removed, grease must be reapplied.

### 4.1.1 PRINTER COVER ASS'Y



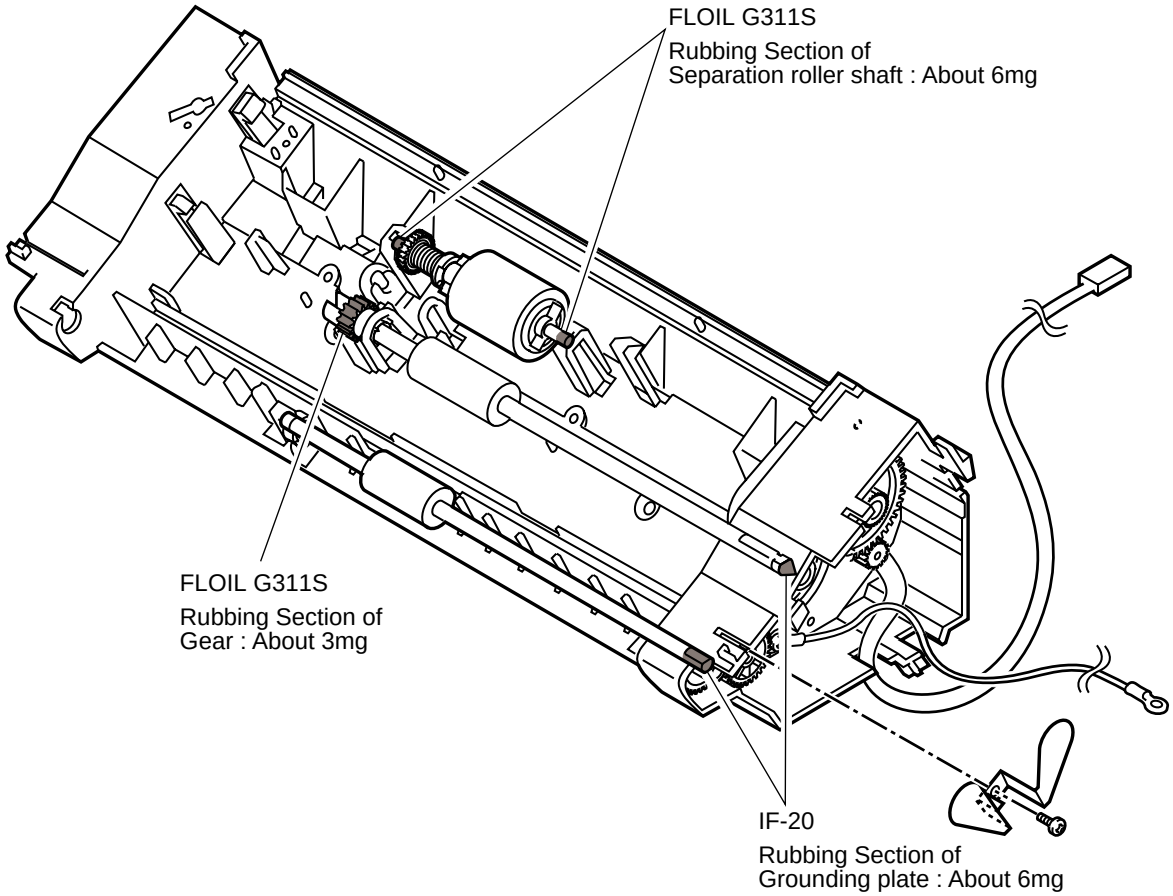

*See Fig.2 for the assembly*

### 4.1.2 ADF, UPPER SECTION



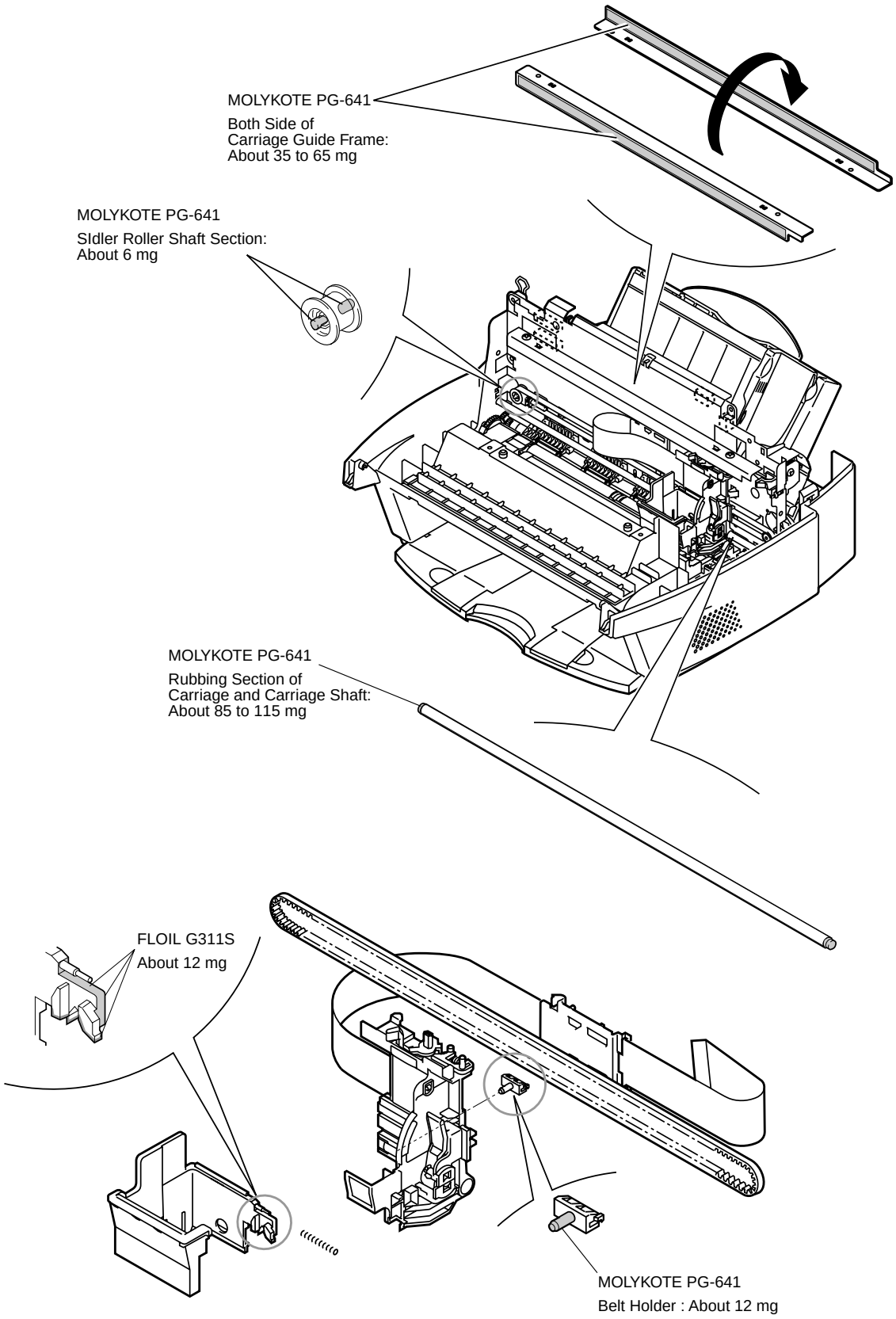

*See Fig.7 for the assembly*

### 4.1.3 ADF, LOWER SECTION



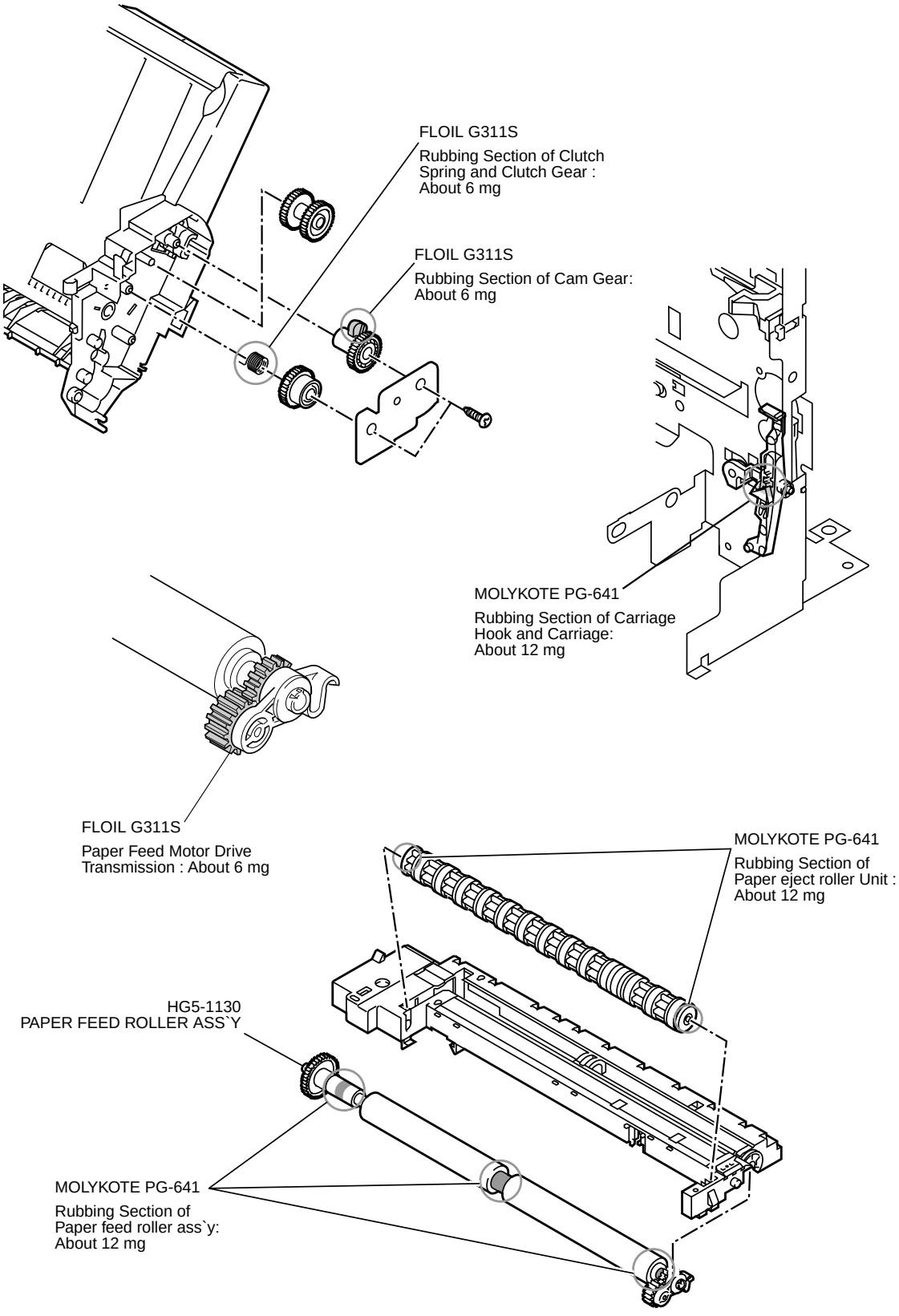

*See Fig.8 and Fig.9 for the assembly*

## 4.1.4 PRINT ASS'Y(1)




*See Fig.11 and Fig.12 and Fig.15 for the disassembly*

## 4.1.5 PRINT ASS'Y(2) and AUTO SHEET FEEDER ASS'Y




*See Fig.14 and Fig.16 and Fig.19 for the disassembly*

# 5. GUIDE TO REPLACEMENT

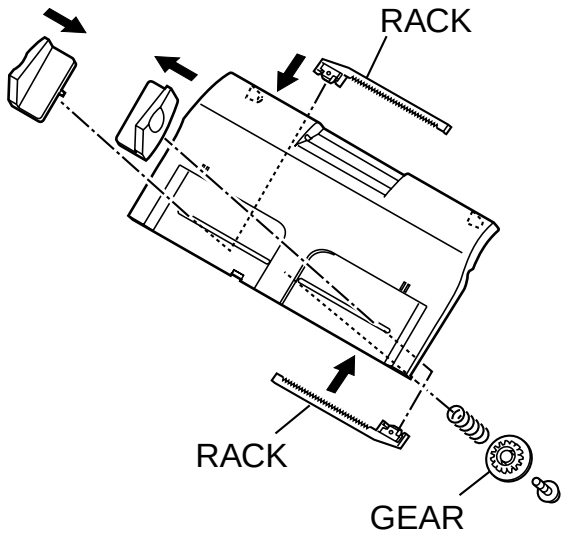
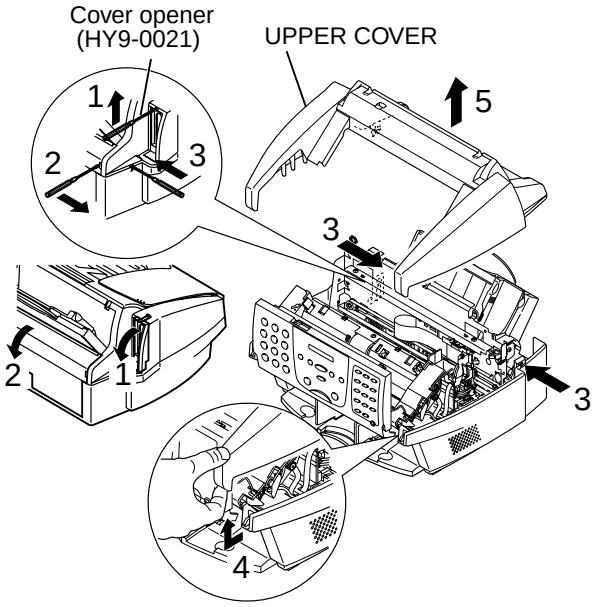
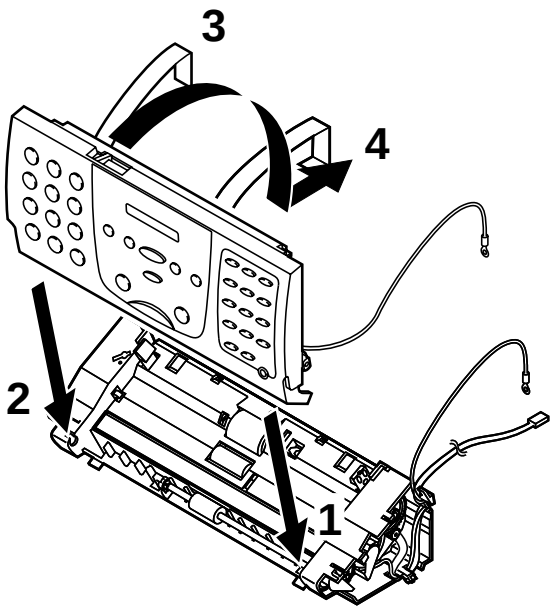
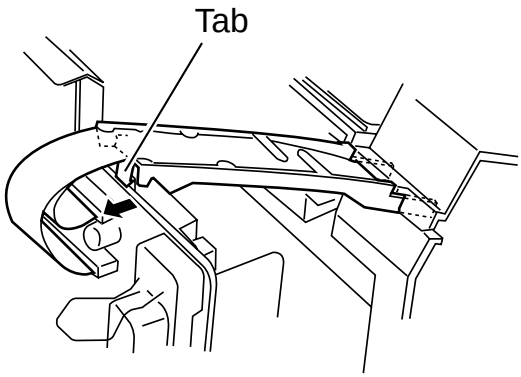
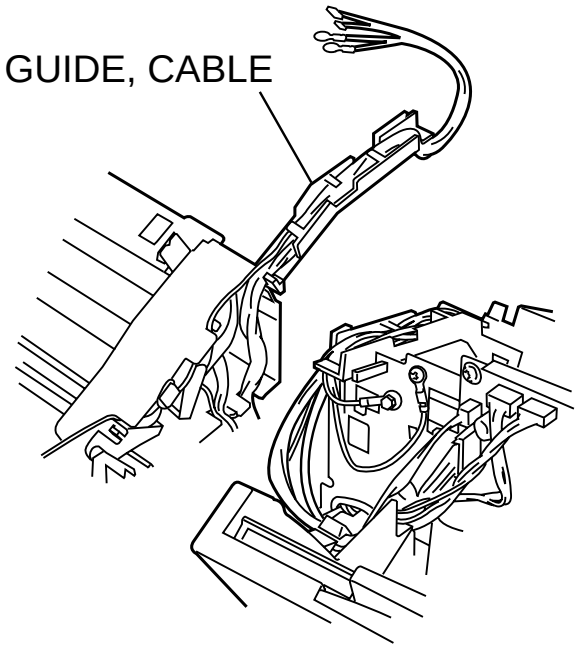
| **FIGURE 2-a** | See Page 2-3 | **FIGURE 2-b** | See Page 2-3 |
|---|---|---|---|
|  | |  | |
| When attaching the rack, attach the gears with the sliders at their narrowest width. | | When removing the UPPER COVER, do so while following the order shown in the diagram. Remove the CONNECTOR COVER and REAR COVER first, and then remove the UPPER COVER. | |
| **FIGURE 3-a** | See Page 2-5 | **FIGURE 3-b** | See Page 2-5 |
|  | |  | |
| When attaching the OPERATION PANEL UNIT, attach as per the illustration below. | | The cable guide on the right side is removed after removing the claw shown in the diagram. Refer to the diagram for cable wiring. | |

**FIGURE 3-c**

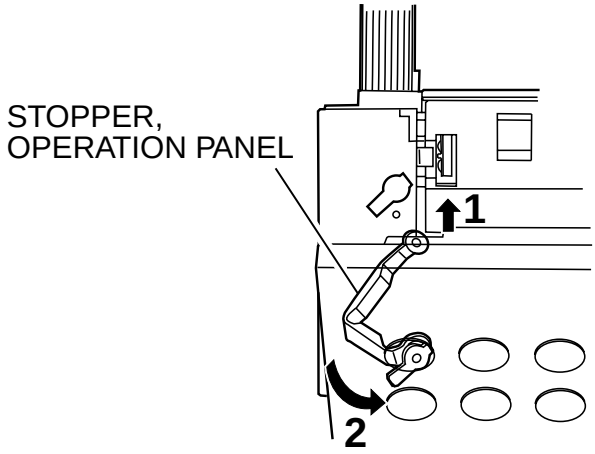
See Page 2-5




The wiring of this unit is as per the diagram.

**FIGURE 3-d**

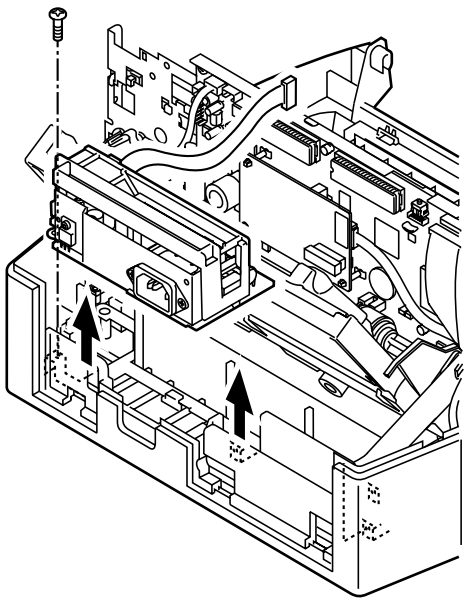
See Page 2-5




Insert the STOPPER, OPERATION PANEL aligning it with the hole's shape, then twist to secure it. To remove the STOPPER, OPERATION PANEL, reverse the procedure.

**FIGURE 4-a**

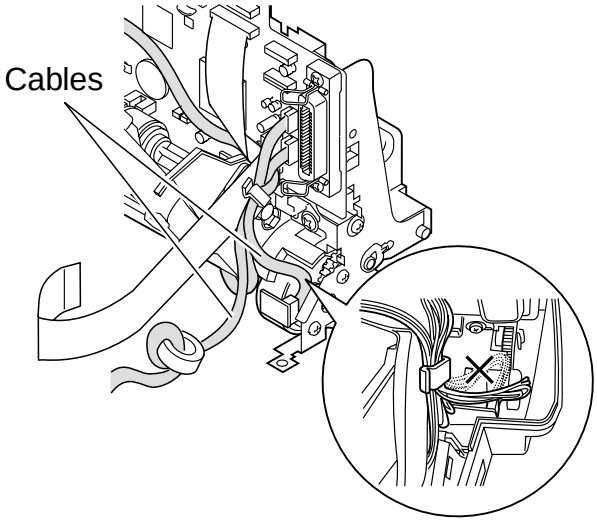
See Page 2-7



The POWER SUPPLY UNIT can be replaced without removing the PRINTER & ASF ASS'Y.

**FIGURE 4-b**

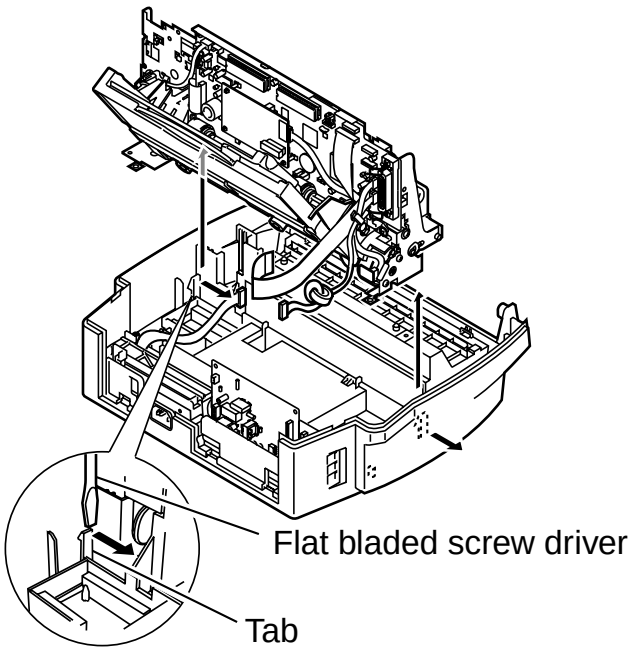
See Page 2-7




The wiring of this unit is as per the diagram.

**FIGURE 4-c**

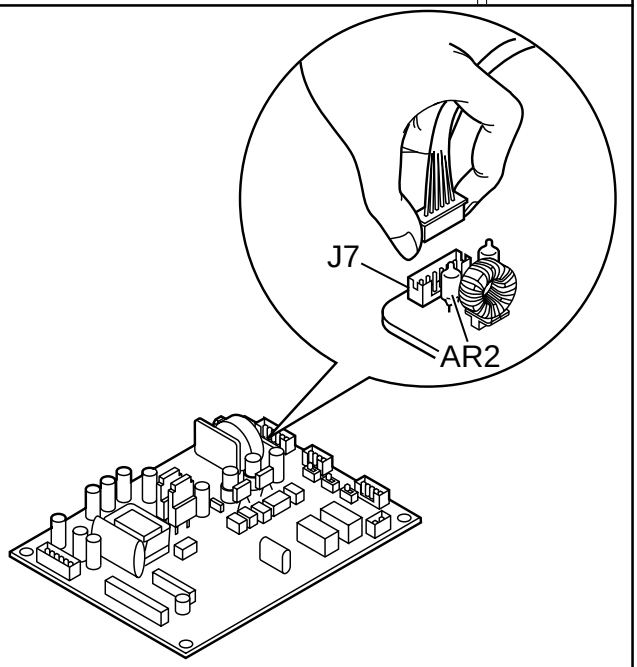
See Page 2-7




When removing the PRINTER and ASF assembly, prise loose the right and left tabs in the direction of the arrows.

**FIGURE 4-d**

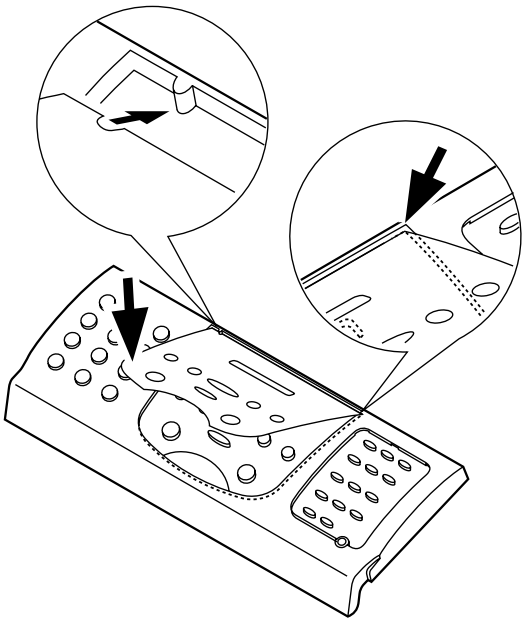
See Page 2-7




When attaching/removing the J7 connector, hold as shown in the diagram and do not put pressure on the AR2 arrester.

**FIGURE 6-a**

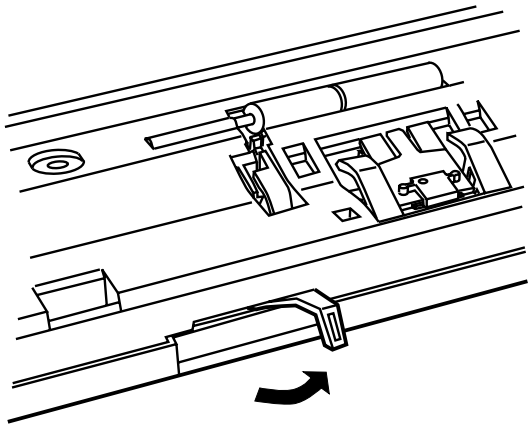
See Page 2-11



Attach the OPERATION PANEL SHEET by lining it up with the mark on the top area as shown in the diagram.

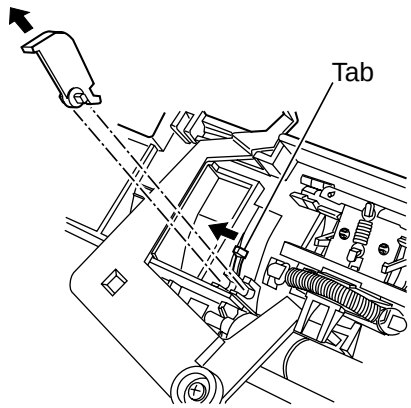
**FIGURE 6-b**

See Page 2-11



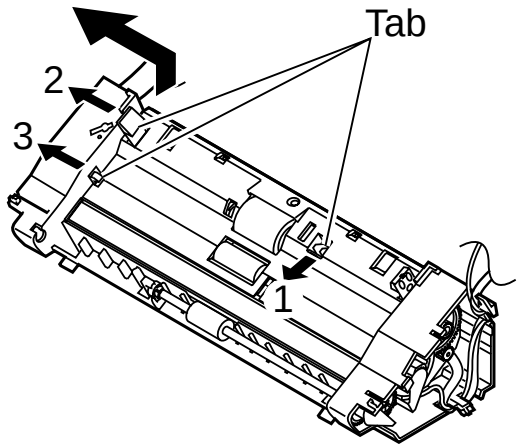
When removing the OPERATION PANEL UNIT and UPPER GUIDE, set the LEVER, SWITCHING as shown in the figure.

**FIGURE 7-a** See Page 2-13



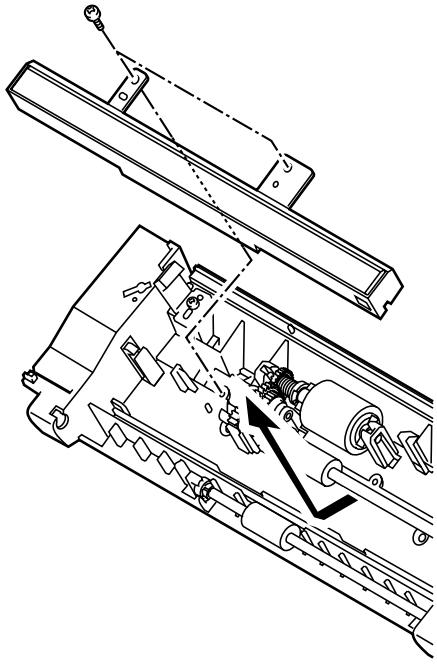

When detaching this part, free the tab before removing. Be careful not to break the tab.

**FIGURE 8-a** See Page 2-15



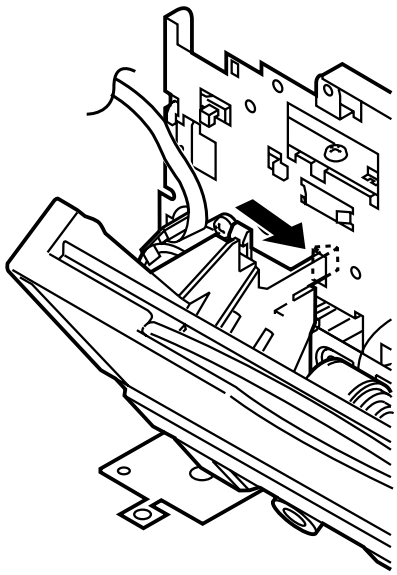

When removing the COVER, ADF, LOWER, free the three tabs shown in the figure, and pull from right to left.

**FIGURE 8-b** See Page 2-15



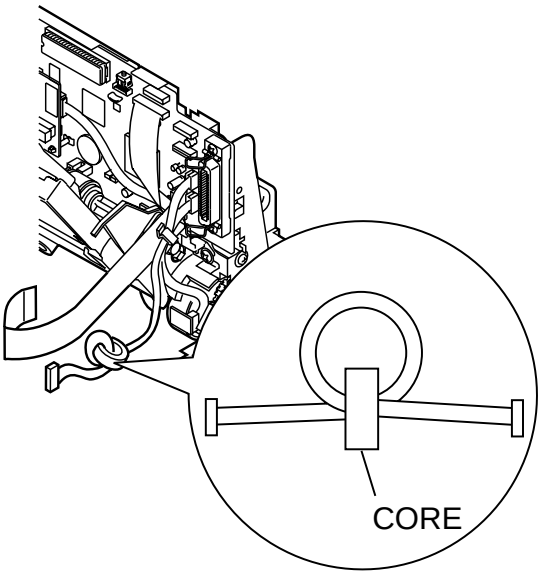
The CONTACT SENSOR UNIT may be removed individually as shown in the diagram.

**FIGURE 10-a** See Page 2-19



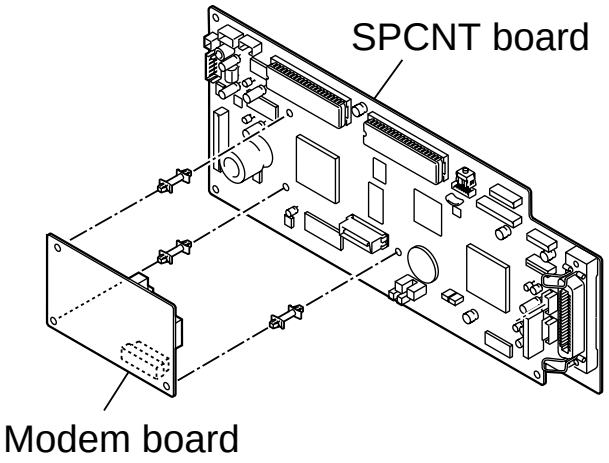
When removing the AUTO SHEET FEEDER ASS'Y release the tabs holding the printer chassis.

| **FIGURE 10-b** | See Page 2-19 |
|---|---|



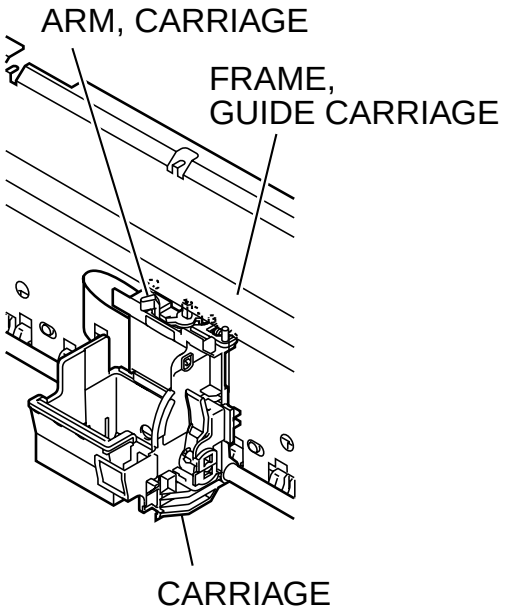

When attaching a core, loop the cable through it once, and position the core as shown in the figure.

| **FIGURE 10-c** | See Page 2-19 |
|---|---|




Take care not to make a mistake in the assembly of the SPCNT board and the Modem board.

| **FIGURE 11-a** | See Page 2-21 |
|---|---|

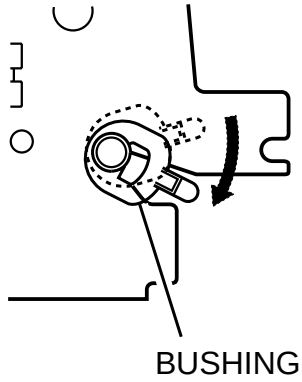



When attaching the CARRIAGE ASS'Y, position the ARM, CARRIAGE in front of the FRAME, GUIDE CARRIAGE.

| **FIGURE 12-a** | See Page 2-23 |
|---|---|

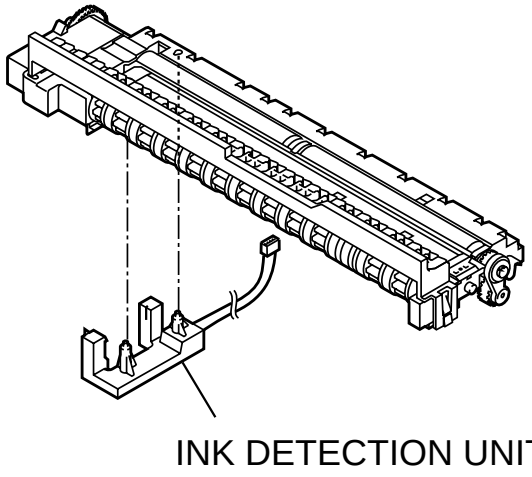
Weave and fasten the carriage ribbon cable into fastener a as shown below.

**FIGURE 14-a** See Page 2-27



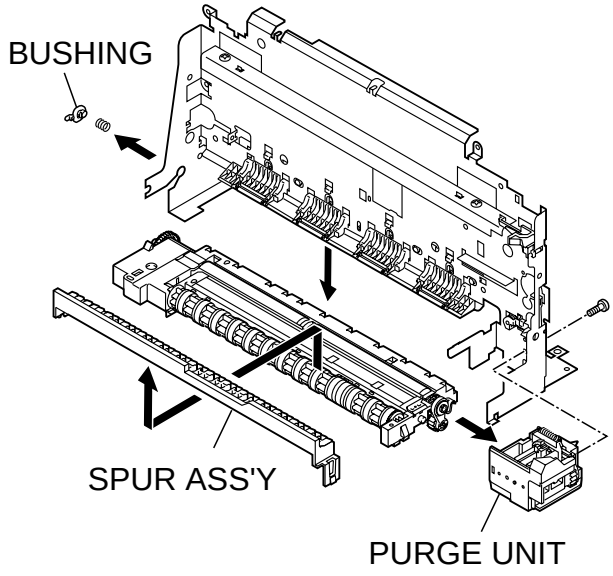

Rotate the BUSHING in the direction of the arrow, and remove it.

**FIGURE 14-b** See Page 2-27



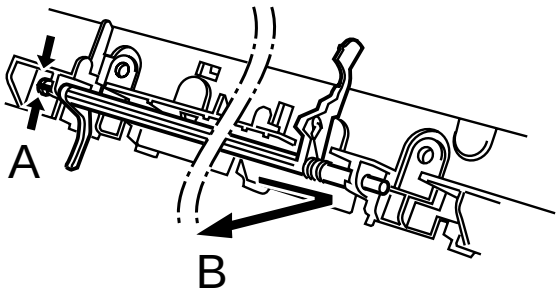

When exchanging the INK DETECTION UNIT, besure to check that the connector is correctly connectted. After assembling, set the cartridge with the print function, and proceed to replace it. If the sensor is not working properly, or if the connector is not properly connected, a CHECK PRINTER error will be displayed.

**FIGURE 15-a** See Page 2-29




In this product, the method for attaching the spur has been changed, so that the PURGE UNIT cannot be removed without dismantling the machine to this level.

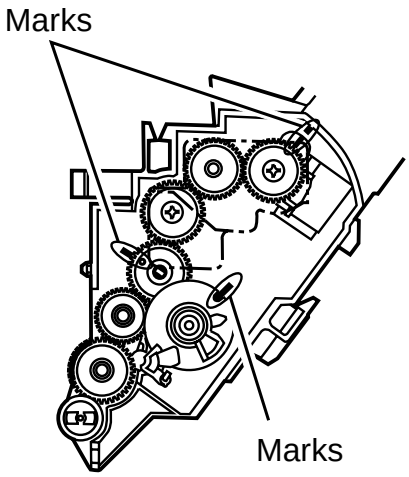
**FIGURE 16-a** See Page 2-31




When removing the ARM, PAPER SENSOR, push in the direction of the arrow A , and move in the direction of the arrow B.

**FIGURE 19-a**

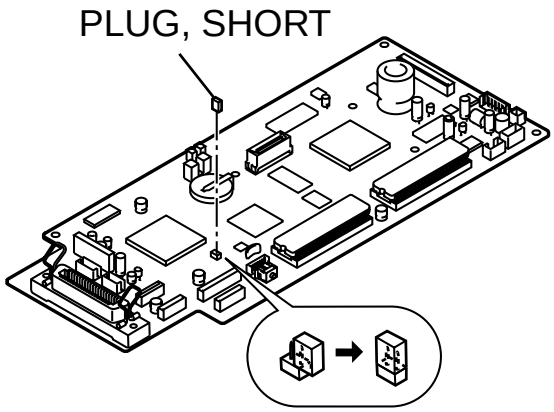
See Page 2-37




To put gears in the correct posistion, the marks must be in alignment.

**FIGURE 21-a**

See Page 2-41

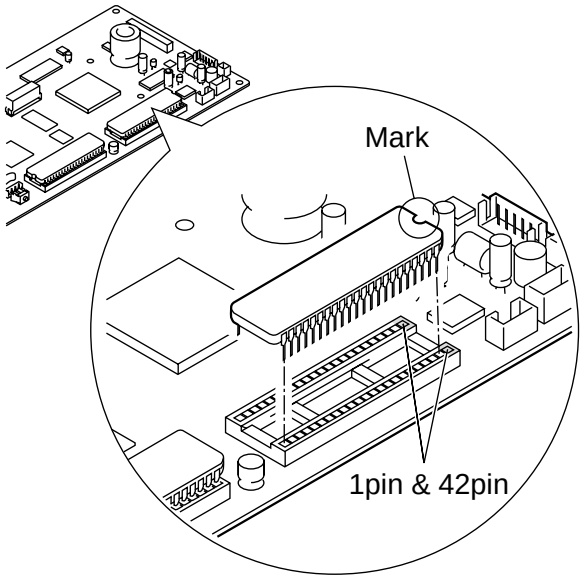



The service part version of the SPCNT board has a SHORT PLUG on one of the pins. When replacing the SPCNT board, cover both pins with the plug.

When installing, be careful to avoid electrostatic damage to board conponents.

**FIGURE 21-b**

See Page 2-41




The number of pins on the PRINTER ROM (IC 101) is 40. The socket is a 42-pin socket, so attach the ROM with 2 pins open (pin 1 and pin 42) on the Mark side, as shown in the diagram.

# 6. NUMERICAL INDEX

| PART NUMBER | FIGURE & KEY NO | DESCRIPTION |
|---|---|---|
| CK-0551-020 | 25 - T4 | LUBE, PERMALUB G NO.2 |
| CK-0562-000 | 25 - T1 | LUBE, MOLYKOTE PG-641 GREASE |
| CK-8006-000 | 25 - T5 | ELECTRICITY GREASE (IF-20) |
| HB1-1264-000 | 1 - 9 | HANDSET CRADLE |
| | 24 - 2 | |
| HB1-1779-000 | 8 - 5 | SPACER |
| HB1-2864-000 | 7 - 9 | ROLLER, BACK UP |
| HB1-2867-000 | 3 - 5 | STOPPER, OPERATION PANEL |
| HB1-2881-000 | 8 - 2 | SHAFT, SEPARATION ROLLER |
| HB1-2883-000 | 2 - 6 | SLIDER, RACK |
| HB1-4019-000 | 2 - 11 | COVER, UPPER |
| HB1-4021-000 | 2 - 12 | COVER, REAR |
| HB1-4022-000 | 2 - 13 | COVER, OPERATION PANEL |
| HB1-4023-000 | 2 - 1 | COVER, PRINTER |
| HB1-4024-000 | 2 - 2 | GUIDE, DOCUMENT, RIGHT |
| HB1-4025-000 | 2 - 3 | GUIDE, DOCUMENT, LEFT |
| HB1-4026-000 | 1 - 6 | TRAY, SUPPORT DOCUMENT |
| HB1-4027-000 | 2 - 10 | COVER, CONNECTOR |
| HB1-4028-000 | 5 - 9 | TRAY, RECORDING PAPER |
| HB1-4029-000 | 5 - 4 | TRAY, RECORDING PAPER (SUB) |
| HB1-4030-000 | 5 - 7 | PLATE, PAPER SUPPORT (LEFT) |
| HB1-4031-000 | 5 - 8 | PLATE, PAPER SUPPORT (RIGHT) |
| HB1-4036-000 | 15 - 2 | FRAME, CARRIAGE GUIDE |
| HB1-4043-000 | 3 - 8 | GUIDE, CABLE (RIGHT) |
| HB1-4044-000 | 3 - 7 | GUIDE, CABLE (LEFT) |
| HB1-4045-000 | 2 - 5 | KEY TOP, CARTRIDGE |
| HB1-4049-000 | 9 - 4 | ROLLER, DOCUMENT FEED |
| HB1-4050-000 | 9 - 7 | ROLLER, DOCUMENT EJECT |
| HB1-4052-000 | 8 - 17 | PLATE, GROUNDING |
| HB1-4053-000 | 9 - 1 | FRAME, ADF, LOWER |
| HB1-4054-000 | 8 - 1 | COVER, ADF, LOWER |
| HB1-4058-000 | 7 - 15 | COVER, ADF, UPPER |
| HB1-4059-000 | 7 - 11 | ARM, DETECTION (DES) |
| HB1-4060-000 | 7 - 12 | ARM, DETECTION (DS) |
| HB1-4061-000 | 7 - 5 | STOPPER, DOCUMENT |
| HB1-4062-000 | 7 - 6 | PLATE, PRESSURE |
| HB1-4063-000 | 7 - 1 | LEVER, SWITCHING |
| HB1-4065-000 | 7 - 19 | SHEET, LIGHT SHIELD |
| HB1-4071-000 | 7 - 4 | PLATE, GROUNDING |
| HB1-4072-000 | 7 - 17 | BRUSH, STATIC DISCHARGE |
| HB1-4073-000 | 5 - 5 | PLATE, GROUNDING |
| HB1-4074-000 | 4 - 1 | COVER, POWER SUPPLY |
| HB1-4076-000 | 5 - 2 | ABSORBER, WASTE INK A |
| HB1-4077-000 | 5 - 1 | ABSORBER, WASTE INK B |
| HB1-4086-000 | 16 - 2 | ARM, PAPER SENSOR |
| HB1-4089-000 | 7 - 14 | SHEET, DOCUMENT STOP |
| HB1-4091-000 | 2 - 14 | TRAY, DOCUMENT |
| HB1-4092-000 | 2 - 15 | TRAY, DOCUMENT EXTENSION |
| HB1-4093-000 | 1 - 11 | ADAPTER, REST |
| HB1-4095-000 | 2 - 4 | SHEET, CARTRIDGE |
| HB1-4097-000 | 4 - 9 | COVER, MODULAR |
| HB1-4099-000 | 6 - 1 | SHEET, OPERATION PANEL |
| HB1-4101-000 | 6 - 1 | SHEET, OPERATION PANEL |

| PART NUMBER | FIGURE & KEY NO | DESCRIPTION |
|---|---|---|
| HB1-4110-000 | 6 - 3 | FACEPLATE, ONE-TOUCH DIAL |
| HB1-4118-000 | 10 - 12 | SHEET, SHIELD |
| HB1-4137-000 | 2 - 11 | COVER, UPPER |
| HB1-4139-000 | 2 - 12 | COVER, REAR |
| HB1-4141-000 | 2 - 1 | COVER, PRINTER |
| HB1-4146-000 | 2 - 2 | GUIDE, DOCUMENT, RIGHT |
| HB1-4147-000 | 2 - 3 | GUIDE, DOCUMENT, LEFT |
| HB1-4148-000 | 5 - 9 | TRAY, RECORDING PAPER |
| HB1-4149-000 | 5 - 4 | TRAY, RECORDING PAPER (SUB) |
| HB1-4150-000 | 5 - 7 | PLATE, PAPER SUPPORT (LEFT) |
| HB1-4151-000 | 5 - 8 | PLATE, PAPER SUPPORT (RIGHT) |
| HB1-4154-000 | 6 - 1 | SHEET, OPERATION PANEL |
| HB1-4155-000 | 6 - 1 | SHEET, OPERATION PANEL |
| HB1-4156-000 | 6 - 3 | FACEPLATE, ONE-TOUCH DIAL |
| HB1-4159-000 | 2 - 14 | TRAY, DOCUMENT |
| HB1-4561-000 | 8 - 6 | ROLLER, SEPARATION |
| HB1-4617-000 | 2 - 10 | COVER, CONNECTOR |
| HB1-4639-000 | 6 - 1 | SHEET, OPERATION PANEL |
| HB1-4974-000 | 6 - 3 | SHEET, ONE-TOUCH DIAL |
| HB1-4978-000 | 1 - 9 | HOLDER, HANDSET CRADLE |
| HF5-0305-000 | 8 - 8 | PANEL HOLDER UNIT |
| HF5-0487-000 | 9 - 11 | PLATE, SCANNER DRIVE |
| HF5-0488-030 | 7 - 18 | WHITE SHEET UNIT |
| HF5-0492-000 | 5 - 3 | MAIN FRAME ASS'Y |
| HF5-0584-000 | 5 - 3 | MAIN FRAME ASS'Y |
| HG1-4360-000 | 10 - 3 | MODEM BOARD ASS'Y (14400BPS) |
| HG5-2021-000 | 8 - 18 | CONTACT SENSOR UNIT |
| HG5-2024-000 | 7 - 8 | SEPARATION GUIDE ASS'Y |
| HG5-2025-000 | 10 - 8 | AUTO SHEET FEEDER ASS'Y |
| HG5-2026-000 | 18 - 10 | PICK-UP ROLLER ASS'Y |
| HG5-2028-000 | 15 - 8 | PRINTER FRAME UNIT |
| HG5-2029-000 | 11 - 8 | CARRIAGE ASS'Y |
| HG5-2031-000 | 14 - 5 | PAPER FEED ASS'Y |
| HG5-2032-000 | 14 - 3 | PAPER FEED ROLLER ASS'Y |
| HG5-2033-000 | 14 - 4 | SPUR ASS'Y |
| HG5-2038-000 | 10 - 11 | PRINT ASS'Y |
| HG5-2043-000 | 4 - 3 | NCU BOARD ASS'Y |
| HG5-2048-000 | 4 - 3 | NCU BOARD ASS'Y |
| HG5-2051-000 | 10 - 1 | SPCNT BOARD ASS'Y |
| HG5-2053-090 | 10 - 1 | SPCNT BOARD ASS'Y |
| HG5-2055-000 | 10 - 3 | MODEM BOARD ASS'Y (28800BPS) |
| HG5-2058-000 | 4 - 4 | MODULAR JACK BOARD ASS'Y |
| HG5-2066-000 | 10 - 8 | AUTO SHEET FEEDER ASS'Y |
| HG5-2294-000 | 4 - 4 | MODULAR JACK BOARD ASS'Y |
| HG5-2330-000 | 10 - 1 | SPCNT BOARD ASS'Y |
| HG5-2364-000 | 10 - 11 | PRINT ASS'Y |
| HG5-2365-000 | 11 - 8 | CARRIAGE ASS'Y |
| HH2-2478-000 | 1 - 2 | MODULAR CORD, 2P |
| HH2-2729-020 | 14 - 9 | CABLE WITH CONNECTOR, 4P |
| HH2-2824-000 | 1 - 2 | MODULAR CORD, 2P |
| HH2-2878-000 | 23 - 1 | CABLE WITH CONNECTOR, 15P |
| HH2-2880-000 | 4 - 10 | CABLE WITH CONNECTOR, 2P |
| HH2-2886-000 | 4 - 11 | WIRE, GROUNDING |

| PART NUMBER | FIGURE & KEY NO | DESCRIPTION |
|---|---|---|
| HH2-2887-000 | 10 - 4 | CABLE WITH CONNECTOR, 6P |
| HH2-2928-000 | 6 - 4 | CABLE, FLAT, 13P |
| HH2-2931-000 | 8 - 16 | CABLE, FLAT, 12P |
| HH2-2934-000 | 10 - 6 | CABLE, FLAT, 23P |
| HH2-2937-000 | 10 - 13 | CABLE, FLAT, 14P |
| HH3-5342-000 | 4 - 2 | POWER SUPPLY UNIT |
| HH3-5356-000 | 4 - 2 | POWER SUPPLY UNIT |
| HH4-3255-000 | 21 - IC4 | IC, KS4M9U1166CFP, GATE ARRAY |
| HH4-3258-030 | 21 - IC3 | IC, MR27V1652D-17RA, OTP-ROM |
| HH4-3262-030 | 21 - IC3 | IC, MR27V1652D-10RA, OTP-ROM |
| HH4-3284-000 | 21 - IC26 | IC, UPD703102AGJ-33-703, MPU |
| HH4-3349-000 | 1 - 12 | CD-ROM, DESKTOP MANAGER |
| HH4-3351-000 | 1 - 12 | CD-ROM, DRIVER SOFTWARE |
| HH4-3353-020 | 21 - IC101 | IC, MSM534002E-44RS, MASK-ROM |
| HH4-3373-000 | 22 - IC26 | IC, UPD703102GJ-A33-704, MCU |
| HH4-3392-000 | 22 - IC101 | IC, MSM534002E-51RS, MASK-ROM |
| HH4-3395-000 | 22 - IC3 | IC, MR27V1652D42RA, OTP-ROM |
| HH4-3403-000 | 1 - 12 | CD-ROM, DESKTOP MANAGER |
| HH4-3414-000 | 1 - 12 | CD-ROM, DRIVER SOFTWARE |
| HH4-3421-000 | 22 - IC4 | IC, MB87L1523, GATE-ARRAY |
| HH4-3462-000 | 1 - 12 | CD-ROM, DRIVER SOFTWARE |
| HH7-2127-000 | 1 - 8 | HANDSET ASS'Y |
| HH7-2240-000 | 23 - L51 | FIXED INDUCTOR TSU-FL 474 |
| | 23 - L52 | |
| HH7-2371-000 | 14 - 10 | INK DETECTION UNIT |
| HH7-2373-000 | 3 - 6 | SPEAKER UNIT |
| HH7-2386-000 | 9 - 9 | MOTOR, DOCUMENT FEED |
| HH7-2408-000 | 24 - 1 | HANDSET UNIT |
| HH7-2410-000 | 1 - 8 | HANDSET ASS'Y (USA, AG) |
| HH7-2427-000 | 23 - T51 | TRANSFORMER, AUDIO |
| HH7-2430-000 | 23 - IC1 | IC, HFS113F022A1, HYBRID |
| HH7-2431-000 | 23 - IC4 | IC, H8D2965, HYBRID |
| HH7-2442-000 | 6 - 2 | OPERATION PANEL UNIT |
| HH7-2460-000 | 24 - 1 | HANDSET UNIT |
| HH7-2474-000 | 6 - 2 | OPERATION PANEL UNIT |
| HH7-2547-000 | 1 - 8 | HANDSET UNIT |
| HS1-1063-000 | 8 - 14 | BUSHING |
| | 9 - 3 | |
| HS5-0236-000 | 8 - 9 | GEAR, 36T/24T |
| HS5-0237-000 | 8 - 3 | GEAR, 32T |
| HS5-0238-020 | 2 - 8 | GEAR, Z16 |
| HS5-0283-000 | 9 - 2 | GEAR, 19T |
| HS5-0284-000 | 8 - 11 | GEAR, 20T/63T |
| HS5-0285-000 | 8 - 12 | GEAR, 66T |
| HS5-0286-000 | 8 - 13 | GEAR, 26T/37T |
| HS5-0287-000 | 8 - 15 | GEAR, 35T |
| HS5-2027-000 | 8 - 4 | SPRING, CLUCH |
| HS5-2130-000 | 2 - 7 | SPRING, SLIDER |
| HS5-2168-000 | 7 - 7 | SPRING |
| HS5-2170-000 | 7 - 16 | SPRING, WHITE SHEET |
| HS5-6023-030 | 7 - 10 | ROLLER, BACK UP |
| HS5-6042-000 | 7 - 13 | ROLLER, DELIVERY, 2 |
| HT1-2152-000 | 1 - 5 | USER'S GUIDE (ENGLISH) |

| PART NUMBER | FIGURE & KEY NO | DESCRIPTION |
|---|---|---|
| HT1-2167-000 | 1 - 5 | USER'S GUIDE (ENGLISH) |
| HT1-2168-000 | 1 - 5 | USER'S GUIDE (ENGLISH) |
| HT1-6039-000 | 1 - 5 | USER'S GUIDE (CHINESE) |
| HT1-6040-000 | 1 - 5 | USER'S GUIDE (CHINESE) |
| HY9-0021-000 | 25 - T3 | SCREWDRIVER, HEX HEAD (1.27MM) |
| HY9-0023-000 | 25 - T6 | LUBE, MOLYKOTE EMD-110, GREASE |
| QB1-0412-000 | 16 - 1 | SPRING, TORSION |
| QB1-0423-000 | 14 - 2 | SPRING, COIL |
| QB1-0500-000 | 13 - 4 | GEAR, SLOW DOWN |
| QB1-0501-020 | 11 - 2 | ROLLER, IDLER |
| QB1-0503-000 | 11 - 4 | SPRING, COIL |
| QB1-3593-000 | 5 - 6 | FOOT, PRINTER |
| QB1-3831-000 | 15 - 5 | PLATE, PRESSURE |
| QB1-3832-000 | 15 - 3 | SPRING, COIL |
| QB1-3833-000 | 15 - 6 | ROLLER, PRESSURE |
| QB1-3834-000 | 11 - 3 | BRACKET, IDLER |
| QB1-3835-000 | 14 - 1 | BUSHING |
| QB1-3837-000 | 11 - 7 | SHAFT, CARRIAGE |
| QB1-3865-000 | 11 - 1 | BELT, CARRIAGE |
| QB1-3866-000 | 11 - 9 | HOLDER, BELT |
| QB1-3897-000 | 11 - 5 | CLIP, SHAFT |
| QB1-3905-000 | 16 - 7 | ARM, SENSOR |
| QG5-1319-020 | 15 - 7 | PURGE UNIT |
| QH4-4241-000 | 13 - 2 | MOTOR, CARRIAGE |
| QH4-4245-000 | 13 - 3 | MOTOR, PAPER FEED |
| QH8-0158-000 | 21 - IC100 | IC,T6W91,ASIC, |
| | 22 - IC100 | |
| RH2-5344-000 | 1 - 1 | POWER SUPPLY CORD |
| TKC-0953-000 | 25 - T2 | GREASE, FLOIL G311S (20GS) |
| VT2-0013-160 | 10 - 2 | SPACER, PCB |
| WE8-5687-000 | 10 - 5 | FERRITE, CORE |
| WE8-5726-000 | 3 - 9 | FERRITE, CORE |
| WK1-5130-000 | 21 - BAT1 | BATTERY, LITHIUM, CR2032/1HS |
| | 22 - BAT1 | |
| WS1-5397-000 | 21 - JP3 | PLUG, JUMPER |
| | 22 - JP3 | |
| WT2-5465-000 | 1 - 10 | RIVET |
| | 24 - 3 | |
| WT2-5473-000 | 5 - 10 | COVER, SCREW HOLE |
| WT2-5615-000 | 10 - 10 | CLIP, CABLE |
| WT3-5015-000 | 1 - 1 | CORD, POWER |
| WT3-5020-000 | 1 - 1 | CORD, POWER |
| WT3-5140-000 | 1 - 1 | CORD, POWER SUPPLY |
| WT3-5141-000 | 1 - 1 | CORD, POWER SUPPLY |
| XA9-0476-000 | 2 - 9 | SCREW, TP M3X8 |
| | 7 - 2 | |
| XB1-1301-207 | 10 - 7 | SCREW, PH3X12 (S) |
| XB1-2300-407 | 8 - 10 | SCREW, BH3X4 (S) |
| | 9 - 8 | |
| | 13 - 1 | |
| | 15 - 1 | |
| XB1-2300-607 | 3 - 2 | SCREW, BH3X6(S) |
| | 4 - 8 | |

| PART NUMBER | FIGURE & KEY NO | DESCRIPTION |
|---|---|---|
| XB2-8300-607 | 4 - 6 | SCREW, MACHINE M3X6 |
| XB4-7300-509 | 15 - 4 | SCREW, TAPPING, M3X5 |
| XB4-7300-807 | 4 - 5 | SCREW, TAP TIGHT, BINDING HEAD |
| | 7 - 3 | |
| | 8 - 7 | |
| | 9 - 6 | |
| XB4-7301-005 | 19 - 6 | SCREW, BH M3X10 |
| XB4-7301-009 | 3 - 4 | SCREW, BINDING HEAD SELF-TPG |
| | 6 - 6 | |
| | 8 - 19 | |
| XB5-6300-605 | 11 - 6 | SCREW, TP, PH3X6 |
| XB6-7300-607 | 10 - 9 | SCREW, TP, M3X6 |
| XD2-1100-402 | 9 - 5 | RETAINING RING (E-TYPE) |

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